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Eire 16 P. | Netherlands 1.50 Flor.
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From Shaba Fighting

risoners Displayed Crowd in Kinshasa

, Zaire, April 20 President Mobutu of Zaire today pre- first two prisoners rgency fighting in ace to a mass rally g the bandaged cap- 0 chanting Zairians. them, death to young Zairian cried ers, wounded in the ck, stood limply in t a football stadium, n President Mobutu

ers were taken in a ive by government ted by Pygmy bow- e advancing slowly angese rebels from ining town of Kol- d to recapture the tshatsha about 750 ast of Kinshasa. atic appearance of s—which had not announced before- to the crowd's en- he capital, far from and where there reminders that the ontinuing. ress conference, the d that they had anied by Cuban they entered this month, and that trained by Cubans in Angola for two e the invasion. in in groups of 25 ere 42 Cubans with captive. "But they e we were captured ere no Cubans at

ents were translated by a government of-

At the rally, President Mobutu condemned alleged Soviet involvement in the Shaba fighting.

The Soviet Union, Cuba and Angola have denied allegations of involvement, but President Mobutu, referring to the Kremlin's disclaimers, said: "They are liars."

In latest official accounts of the fighting, government forces are said to have "almost encircled" the town of Mutshatsha, the fall of which would be a major psychological victory for the government's troops, who are also supported by 1,500 Moroccan troops.

French Pledge Support

DAKAR, Senegal, April 20 (UPI).—France and 18 French-speaking African countries opened a two-day summit conference today with a proposal before them for a joint armed force to block foreign interference and a promise of French support.

French President Valéry Giscard d'Estaing said Africa could "count on" France for the kind of help provided earlier this month when French planes airlifted Moroccan supplies to Zaire to aid in the fight against the insurgency in Shaba.

The French President said the only path for Africa is "your refusal to become the stake in a foreign competition on your continent, contrary to your national interests."

Before the summit was a suggestion from the conference host, Senegalese President Leopold Senghor, for "a common defense pact designed to bar the way to any form of foreign interference in Africa."

utu Seeks to Fill U.S. Plane th $60,000 in Liquid Assets

By George C. Wilson

SHINGTON, April 20 (WP).—President Mobutu Sese Zaire, despite the war he has on his hands, wants built C-130 loaded with Coca-Cola before it is delivered

igs must go better with Coke," a stunned administra- ial said in confirming that "Mobutu has been asking lot of Coke." The official added that the C-130 is the ly delivery vehicle but not necessarily the only one. government official said that Mr. Mobutu intends to ,000 on Coke and recently notified the U.S. govern- that intention through the U.S. Embassy in Kinshasa. United States is sending Zaire what is officially labeled l" military support in the conflict that broke out when a force of former Katanga gendarmes crossed Angola into Shaba (formerly Katanga) Province. ca-Cola executive in Atlanta said yesterday that he heard about Mr. Mobutu's plan, but quipped: "I'm n't Pepsi." He said that $60,000 would buy a lot of he bulk price of between 1 and 2 cents a ounce. e Mobutu wants to drown the enemy in Coke," was

C-130 transport plane Mr. Mobutu will buy with $15 U.S. aid is expected to fly to Zaire from Dobbins Base in Marietta, Ga., within the next few weeks.



United Press International.

Portuguese Premier Mario Soares at the United Nations.

U.S. Aid Expected

Soares, at UN, Says Lisbon Seeks $1.5 Billion in Loans

UNITED NATIONS, N.Y., April 20 (UPI).—Premier Mario Soares of Portugal said yesterday that his government is seeking a loan of about $1.5 billion to settle its balance of payments problems by 1981 or 1982.

Mr. Soares said that other allies, mainly Western European countries, also would be asked to aid Portugal.

He discussed Portuguese politics at a news conference at the United Nations after meeting with Secretary-General Kurt Waldheim. He left New York today for a two-day visit to Washington, where he plans to meet with President Carter, Secretary of State Cyrus Vance and other members of the Cabinet.

Mr. Soares said that the rapid decolonization process had brought Portugal heavy financial burdens.

"Obviously this contributes to our serious economic and financial situation," he said. "We think, in the meantime, that we have conditions to assure economic recuperation of Portugal within a period of three to four years, if we get help in solving our hard and serious balance-of-payments problem."

Several Plans

He said that the United States had executed several economic assistance plans. "We are now discussing aid with the United States in a very concrete manner," he said. "Naturally, it is not the United States alone that could help us. The European nations especially could also contribute."

Portugal is also interested in getting credit from Arab countries, he said.

Mr. Soares estimated Portugal's present balance-of-payments deficit at $1.1 billion and said that austerity measures would reduce it to about $700 million next year. He said the nation's inflation rate was about 20 per cent.

At a reception after the news conference, U.S. Ambassador to the UN Andrew Young presented Mr. Soares the annual award of the International League for Human Rights "in tribute to his courageous defense of democracy and freedom in Portugal."

In reply to a question, Mr. Soares said there was no question about the U.S. base in the Azores, but he stressed that there must be some compensation, particularly to residents in the area.

He also said that Portugal is seeking to establish diplomatic relations with China and that some indirect contacts have been made.

Mr. Soares talked for about an hour with Mr. Waldheim. "I was able at the same time to give the Secretary-General a picture of the Portuguese political, social and economic situation," he said. He said that they also discussed problems connected with the Portuguese decolonization and events in Zaire.

In East Timor, Mr. Soares said, "We feel that the problem has overtaken us. Therefore, we have given it to the United Nations to solve."

Carrot-and-Stick Approach

President Calls on Congress To Support Energy Program

By Fred Farris

WASHINGTON, April 20 (IHT).—President Carter urged Congress tonight to help put the nation on an energy-saving regime that would include a tax increase of up to 50 cents a gallon on gasoline and tough new levies on gas-wasting cars.

Following up his speech Monday calling for sacrifice by all Americans, Mr. Carter outlined the provisions of his complex plan in an address prepared for delivery to a joint session of Congress. The program is aimed more at conserving fuel than at expanding oil and gas production, a fact that already is generating opposition in Congress and some industry quarters.

Congressional leaders have predicted his gasoline tax rise may be hard to enact into law.

The President's program, which was developed by energy chief James Schlesinger, uses a carrot-and-stick approach and calls for almost immediate moves to make energy waste cost more and to reward those who conserve fuel.

A White House statement said the package would add about four-tenths of 1 per cent to the annual inflation rate through 1985 but would have "generally positive impacts on the economy."

The plan includes a tax that would add a maximum $449 to the price of 1978 model cars, which go on sale this fall, if their fuel consumption is less than 13 miles a gallon. But it would reward those that get good gas mileage with rebates ranging up to $473. The auto mileage tax would rise to a maximum of $2,488 on 1985 cars that deliver less than 12.5 miles a gallon. However, cars with high efficiency would win rebates to their buyers as high as $499 in 1982.

The gasoline tax, which had stirred most dissent among congressional figures previously briefed on the program, would begin at 5 cents a gallon starting Jan. 15, 1979, unless gasoline consumption has increased less than 1 per cent. It was called a "standby" tax, but experts predicted it would take effect if Congress passed it, which is by no means certain.

After the first year, the fuel-saver tax would continue rising in 5-cent increments each year that consumption rose. Mr. Carter said Monday night his 1985 goal is to reduce gasoline consumption by 10 per cent from its present level.

Other provisions include continued federal price controls on oil and natural gas, taxes on domestically produced oil that would raise its cost to the world market level by 1980, and price ceilings on natural gas to make its cost equivalent to that of domestic crude oil.

A number of congressmen had complained about the impact of the gasoline tax on low-income families, but Mr. Carter's plan meets these objections through a system of tax credits to low-income taxpayers.

"Any funds collected would be rebated to the American people progressively through the federal income tax system and by direct payments to people who do not pay taxes," a White House fact sheet said.

Mr. Carter reiterated his energy goals, which are:

- To reduce the annual increase in U.S. energy use from 4.6 per cent to less than 2 per cent.
- To cut gasoline use to 10 per cent below current consumption.
- To insulate 9 out of 10 homes and other buildings and put solar energy devices in more than 2.5 million homes by 1985.

Officials predicted that if those goals were reached, oil imports in 1985 will be at the same level as now—some 7 million barrels a day—rather than the 16 million barrels projected by current growth patterns.

Mr. Carter asked the nation and Congress to embrace his complex, many-sided plan to avoid the "catastrophe" of the nation's fuel needs outrunning assured supplies, which he has said could sap the strength and independence of this country.

He told the Cabinet this morning, before Mr. Schlesinger outlin-

(Continued on Page 2, Col. 7)

To Avoid Seeming to Back Bhutto

U.S. Bars Tear-Gas Sale to Pakistan

By Richard M. Weintraub

WASHINGTON, April 20 (WP).—The State Department said yesterday that it has blocked a shipment of tear gas to Pakistan.

More than 170 persons are reported to have died there in the last few weeks in clashes primarily between security forces and opponents of Prime Minister Zulfikar Ali Bhutto.

"Conditions have changed substantially in the four weeks since the license was issued," the department said in response to a question about the $68,000 shipment.

The continuing demonstrations against Mr. Bhutto's government have raised serious questions on the part of experienced observers on how long the Prime Minister can maintain his hold on power. Shipment of tear gas at such a time could be interpreted as a U.S. endorsement of the Bhutto government.

Pakistani police reportedly are using huge amounts of tear gas in the confrontations with Mr. Bhutto's opponents. They claim that he rigged the March 7 national elections and are demanding his resignation.

A State Department official stressed that the decision over the tear gas is "an isolated one" and is not an indication of any shift in U.S. policy toward Pakistan.

Negotiations are under way between the two countries on a broad range of issues, including U.S. opposition to Pakistan's purchase of a plutonium reprocessing plant from France and Pakistan's bid to buy 110 A-7 fighter-bombers.

The Carter administration has requested $98 million in economic assistance for Pakistan for next year and some observers believe that the figure could go even higher.

The original order for tear-gas canisters and launchers was placed before the March 7 elections, but a State Department decision on the required export license is understood to have been delayed until after the election so as not to give the impression of trying to influence the voting.

The license was issued March 17, after riots and demonstrations against Mr. Bhutto had begun, but before there was any indication that his government could be placed in jeopardy.

• Mr. Bhutto rules out resignation, claims "the people are behind me." Story Page 5.

But Later Reform Hinted

Treasury Opposes Delaying Tax on Americans Abroad

By Robert Siner

WASHINGTON, April 20 (IHT).—The Carter administration opposes a one-year delay in tax increases for Americans living and working abroad and in the abolition of the sick pay exclusion, the Senate Finance Committee was told yesterday.

Emil Sunley, Deputy Assistant Treasury secretary for tax policy, said that while the administration might not be opposed to tax relief of Americans overseas, the place for relief would be in the tax reform bill that President Carter plans to send to Congress in September.

The official indicated that the opposition to the proposed delays, which would retroactively remove the new tax liabilities for sick pay and foreign income from 1976 income, was based mainly on the Treasury's belief that administrative chaos would occur if the Internal Revenue Service were deluged by more than a million amended tax returns. Most taxpayers have already filed their 1976 returns.

Asked about the possibility of a presidential veto, Mr. Sunley strongly indicated that if the provisions delaying the effective dates of the new taxation of income earned abroad and on sick pay were the only objections to the tax package now in Congress, President Carter would accept the bill.

Both Ways

However, he said that if the sick pay exclusion and foreign income delay were in a separate bill they would be much easier to veto. There is a chance that the proposed delays could arrive at the White House both as part of a larger bill and in a separate measure.

The Senate Finance Committee has adopted, as part of the tax bill now on the Senate floor, a one-year delay in applying provisions of the Tax Reform Act of 1976 which:

- Abolished the sick pay income exclusion of up to $100 per week and substituted an exclusion of up to $5,200 per year for retirees who are totally disabled.
- Reduced the foreign income exclusion to $15,000, except for overseas workers for U.S. charities, made income earned abroad in excess of the excluded amount taxable at the higher rates that would apply if the exclusion were not made and made foreign income taxes paid on the excluded amount ineligible for use as credit against U.S. income taxes.

A companion tax bill, already passed by the House, does not contain language delaying these provisions, so if the Senate passes the bill as it now stands, the

(Continued on Page 2, Col. 7)

Low-Cost Atlantic Air Shuttle Recommended by U.S. Agency

WASHINGTON, April 20 (AP-DJ).—The U.S. Transportation Department yesterday recommended to the Civil Aeronautics Board that Laker Airways of Britain be permitted to operate its proposed low-fare, no-reservation shuttle flights between London and New York.

In comments sent to the CAB, the department said its support of Laker service is warranted because of the potential cost-saving to consumers.

Laker proposed in 1974 to charge $92 in summer and $80 in winter for one-way transatlantic fares. Tickets would be sold only at the airport starting six hours before flight time on a first-come, first-served basis. There would be no specified length of visit in the country of arrival, a requirement of other low-fare plans now available.

The least expensive round-trip fare now available is a tour group rate of about $380 which requires purchase 60 days in advance and a minimum 10-day stay. A regular round trip New York-London ticket with no advance purchase and a stay of 14-21 days costs $631.

In London a Laker spokesman today said it hopes to begin its "skytrain" service this summer, possibly in July.

Readies a New Town ightists on West Bank

, April 20 (UPI).— rs have established in the occupied West rdan as a clear-cut ty for an extreme that eventually will

ement, known as e first to be situated maria, near the 1967 h Jordan and the set up in the West re than a year. farmer-soldiers of Nahal branch moved doned police station tents in the area nder authorization ernment's Settlement

ion from local Arabs y populated area was army spokesman said. Settlements to 18 the number of ments in the West from Jordan in the East war. ment, situated about of the old frontier e West Bank town was set up on behalf sidon rightist Gush ement. rs will take it over ully settled by Nahal. mim tried to move ot in February, but by helicopter-borne

ment has established ettlement called Ka- Nablus, the biggest West Bank and the e-scale Arab rioting

on by the Settlement headed by Minister ffolio Israel Galili, to wish habitation of taken a month be- eneral elections and was a political move inning votes for the r party, headed by Defense Minister Shimon Peres.

Mr. Peres is Labor candidate for prime minister.

The Jerusalem Post quoted the Arab leader of Mas'ha village, Hassan Ibrahim Hammad, as saying that the Israelis had not approached any of the 600 villagers with offers to buy their land.

Meanwhile, in Israel, thousands visited the graves of war dead today in memorial services on the eve of Israel's 29th Independence Day.

Cars and buses came to a halt in the streets and drivers got out to stand at attention for a two-minute silent vigil signaled by the wail of air raid sirens.

Salvador Bars Negotiations To Free Kidnapped Minister

SAN SALVADOR, April 20 (AP).—The government today decided that it would not negotiate with kidnappers who are theatening to kill Foreign Minister Mauricio Borgonovo if 37 political prisoners are not released, a reliable diplomatic source said.

The source said that a high military official informed the foreign diplomatic corps of the government's decision, made at a meeting President Arturo Armando Molina held with the general staffs of the armed forces and his top security chiefs.

Rafael Rodezno, a spokesman for the government's Information Department, said that Gen. Molina has been meeting with the Cabinet "to adopt a resolution on the manner in which the government is going to act in the kidnapping of Borgonovo."

He refused to elaborate.

This was the first official confirmation from the government that Mr. Borgonovo had been kidnapped.

Mr. Borgonovo, 37, was kidnapped early yesterday by a leftist terrorist group that identified itself in notes distributed to newspapers as the Farabundo Marti Popular Liberation Front.

Mr. Borgonovo, a 1961 engineering graduate of the Massachusetts Institute of Technology, is a member of one of the country's most prominent families. He heads a steel firm and is a coffee exporter.

The Marti Front is named for a peasant leader assassinated during a 1942 peasant uprising that was quashed by dictator Maximiliano Hernandez Martinez.

Student leaders, doctors and a labor leader were among the 37 prisoners whose freedom was demanded. Half of them are members of the Marti Front, informed sources said.

A communiqué from the front demanded that the prisoners be sent to Mexico, Venezuela, Cuba or Costa Rica and that no police accompany them. Another communiqué said that the kidnapping was "an armed operation within the framework of prolonged revolution" against the 10-year-old regime of the rightist National Conciliatory party.

Soviet Grand Plan to Reverse Flow of Rivers Stirs Ecological Fears

Waterways Would Feed Volga Basin, Deserts

By Robert C. Toth

MOSCOW, April 20.—The scheme is as grand in scale as it is simple in concept: To reverse north-flowing rivers that now empty "uselessly" into the Arctic Ocean, and send their waters south instead, to feed the thirsty Volga basin and irrigate Central Asian deserts.

In the United States, it would be akin to turning an upper branch of the Columbia River—the Snake, perhaps—and pumping the water across the continental divide, into the North Platte and eventually into the Mississippi.

All aspects of the project, whose aim is to defeat the northern tilt of the Soviet land mass, are staggering:

- Cost: First stage, in European Russia, about 1.8 billion rubles ($2.4 billion). When Siberian rivers are reversed, particularly when northern Siberian waters are shunted into Europe through the Ural Mountains, the cost will multiply 100 times.
- Excavation: About 350 million cubic yards in the first stage, which is enough to build a yard-wide wall 25 feet high around the world. Eventually up to 17 billion cubic yards will be moved, equal to 100 times more than was dug out for the Panama Canal.
- Time: 15 years for the first stage, due to start in 1980, says project director Gurgen Sarukhanov. Siberian diversion projects would start about 1990 and continue to 2030 or 2040.
- Water: 25 cubic kilometers a year, or about 6.5 trillion gallons, diverted in the first stage. That much water could irrigate almost 13 million acres, or considerably more than the area of California. Eventually up to 300 cubic kilometers may be diverted, equal to the average flow of the Mississippi for six months. It is also 16 per cent of the total fresh water flow from Soviet rivers into the Arctic Ocean.

Care Is Promised

Ecological fears are on the same grand—indeed global—scale. No one knows how real they are, and the Russians claim they will move carefully and after much study.

Soviet engineers have decided not to use atomic explosives to dig a canal running from the Pechora River to the Kolva River through a rocky spur in the Ural Mountains. In a recent interview, Mr. Sarukhanov said that the canal has been rerouted in the final plan to pass through sandy soil only. Nuclear blasts will not be needed to dig it, he said.

Ecologists may have influenced the rerouting. Their concerns have been the largest single obstacle to the diversion scheme, and engineers may have changed their plans to avoid adding radiation to an already formidable list of environmental fears.

Some environmental effects will tend to balance others. Reduced fresh water flow into the Arctic would raise the ocean's salinity and slow ice formation, on the one hand, but it would also mean less heat input into the Arctic, which would increase ice formation. But unless the two cancel out exactly, the climate for the top half of the world could feel some effect.

Other fears are that cooler northern waters going south in huge quantities could change temperature, rainfall patterns and other weather conditions, and—for the most far-out speculation—slow the rotation rate of the earth.

Local Concern

Soviet scientists dismiss such cataclysmic concerns as unfounded. In conversations with U.S. ecologists, they admit that significant changes can be expected, but on a local scale.

A new dam that impounds a reservoir having a 1,000-square-mile surface area, for example, would be certain to affect temperatures and humidity in its vicinity. And slashing 10 per cent to 20 per cent of a river's flow could affect fish life, navigation conditions and create other problems in the river and in the sea into which it discharges.

The idea of diverting northern waters was first voiced here in the 1920s but only in the last 15 years has it received serious study. The rationale is straightforward.

More than 85 per cent of the people, the industry and the arable land of the entire country are in those parts of European Russia served by south-flowing rivers. But these rivers carry only 45 per cent of the total water flow of European Russia, with 55 per cent going north. Thus water resources in the north are eight to nine times greater per capita, per unit of industrial investment, per acre, than in the south.

Other competing pressures also exist in the diversion program. More than 85 million acres are to be under irrigation in the Soviet Union by 1985, about 2 1/2 times more than now. Most of it will be in Central Asia and Kazakhstan, and most of it will grow cotton. But synthetic-fiber manufacture, which also takes huge amounts of water, is to be greatly increased, as well, and those factories are in Europe.

The Volga would benefit first because diversion to it is cheaper and easier, and the need greater than in Asia.

Water now taken from the Volga for irrigation, moreover, is primarily responsible for the

(Continued on Page 2, Col. 1)

Vance to Visit Spain, Iran After U.K. Talks

WASHINGTON, April 20 (UPI).—The State Department announced today that Secretary of State Cyrus Vance will go to Madrid and Tehran after next month's economic summit meeting in London.

After that, Mr. Vance will fly back to Washington, but it is expected that he will return to Geneva in the latter half of the month for the scheduled continuation of disarmament and Middle East talks with Soviet Foreign Minister Andrei Gromyko.

At Rights Trial in Strasbourg

U.K. Lays Abuses in Ulster To Troops Upset by Losses

STRASBOURG, April 20 (Reuters).—Britain today blamed assaults by troops and police on guerrilla suspects in Northern Ireland to the men's anger over their heavy casualties.

A British lawyer, Brian Hutton, told the European Court of Human Rights of strict rules to protect the arrested from ill-treatment and an official ban on violence during interrogation.

He was beginning Britain's defense on the second day of an international trial. Britain is accused by Ireland of systematically torturing detainees in the conflict with the Irish Republican Army.

Mr. Hutton said soldiers and police were under stress and 435 of them had been killed and 5,791 injured since 1969. He said it was wrong—but not surprising—that some of them vented their anger in physical assaults on IRA suspects, he said.

Mr. Hutton said there was no pattern in the assaults to suggest that authorities had connived in the early 1970s at violent means of interrogation.

He listed regulations forbidding coercion during questioning and said detainees were given compulsory medical checks on arrest and before release. Men who alleged they were assaulted had a right to copies of the medical reports, he said.

He said that of 218 members of the security forces prosecuted between April, 1972, and January, 1977, 155 were convicted.

The safeguards showed that *British courts offered a genuine* and effective remedy to proven ill-treatment of detainees, Mr. Hutton said.

Britain has denied Irish charges that 14 investigated cases of ill-treatment amounted to torture and the court is also considering more than 200 other cases that have been alleged.

Irish Attorney General Declan Costello accused Britain yesterday of making the torture of detainees an "administrative practice." He charged also that Roman Catholics suffered from discrimination when internment of guerrilla suspects was in force.

The hearing is expected to end on Friday but a verdict is not expected before September.

Blast Kills Youth

BELFAST, April 20 (UPI).—A car exploded today as a funeral procession assembled in the predominantly Roman Catholic Ardoyne district, killing one youth and injuring about 30 other persons, police said.

A large crowd had gathered outside a house for the funeral of Trevor McKiddin, 19, who was shot and killed by army patrols Sunday when he refused orders to stop while carrying a gun. The gun was an air rifle.

The bomb exploded as the crowd that had formed for the funeral procession waited for the coffin to be brought out of the house.

The blast scattered debris over a wide area. Fourteen of those injured were reported to be women.

The youth who was killed had just left a pool hall to join the funeral march and was walking past the car. He caught the full force of the explosion.

London Rally Rejects More Curbs on Pay

LONDON, April 20 (UPI).—An estimated 2,000 militant trade unionists today marched through central London to protest the Labor government's anti-inflation pay curbs policy.

Demonstration organizers had predicted a turnout of between 10,000 to 20,000, but a heavy rain prevented many from coming.

"We had special trains to bring our people from Birmingham and Manchester, and hundreds of others came by coach from all over the country," organizer Derek Robinson said. "I suppose the rain has stopped people living nearer London from turning out."

The demonstrators marched from Speakers Corner at Hyde Park—while Queen Elizabeth was planting a tree in another part of the park—to the Houses of Parliament.

Passing Trades Union Congress headquarters, the demonstrators *chanted, "Social contract out!"*.

They object to the government-trade union "social contract" agreement in force for the last two years. It put a limit on wage increases that was much lower than the nation's current inflation rate of 17 per cent a year.

The government wants to extend the social contract for another year, but many militant unionists oppose any extension of the accord.

U.S. Will Heed 5 Latin Nations' Rejection of Aid

WASHINGTON, April 20 (UPI).—The State Department informed Congress yesterday it would abide by the decision of five Latin American nations to reject more than $70 million in U.S. military sales credits in protest over the Carter administration's strong human rights campaign.

"We will initiate action to amend our program request accordingly," Richard Ericson, deputy director of the State Department's Bureau of Politico-Military Affairs, told the House International Security Affairs subcommittee.

The five countries, all military-controlled, are Argentina, Brazil, *El Salvador, Guatemala* and Uruguay.

According to the fiscal year 1978 budget report, the administration had requested the following for these countries: Argentina, $15.7 million; Brazil, $50.1 million; El Salvador, $3.1 million, and Guatemala, $2.1 million. There had been no equest for Uruguay, which was eliminated last year from the Security Assistance Program.

Paris Envoy Rumor

DURHAM, N.C., April 20 (UPI).—Duke University president Terry Sanford, a former North Carolina governor and twice Democratic candidate for president, has declined an offer by President Carter to be ambassador to France, university sources said today. Mr. Sanford declined to confirm or deny the report.

Spanish General Fired for Report Of View on Reds

MADRID, April 20 (UPI).—The government today fired an army general who, according to the newspaper Diario 16, was chief of the service responsible for distributing an unauthorized version of the military's reaction *to the legalization of the Com*munist party.

The official state gazette published an order signed by King Juan Carlos and Army Minister Gen. Felix Alvarez-Arenas relieving Gen. Manuel Alvarez Zalba as chief of the military and technical secretariat of the Ministry of the Army.

Another member of the secretariat, Lt. Col. Federico Quintero, also lost his job. Col. Quintero was Madrid police chief from 1972 to last year.

Documents published yesterday by *Diario 16 said that* Gen. Alvarez-Arenas charged the military secretariat with "inadmissible lack of seriousness" for distributing to army officers a document which neither he nor the army chief of staff had approved.

The document in question said that the army made several "demands" on the government. Gen. Alvarez-Arenas said that it "expressed things that do not correspond to reality and have the danger of producing great confusion among commands."

Soviet River-Reversal Plan Stirs Environmental Fears

(Continued from Page 1)

shrinkage of the Caspian Sea, into which it flows. The level of that sea, whose valuable products include caviar, has dropped an average of 1.8 feet per decade, but that rate is expected to increase to 2.4 feet per decade by 2000.

By 1990, the Caspian will need 50 cubic kilometers more water a year, the Volga will need 25 and the sea of Azov, into which the Volga flows via canal and the Don River, will need another 25—all told, 100 cubic kilometers a year needed then, when the first stage of the European diversion effort will be providing only an additional 25.

So the Soviet Union, like most other countries in the world, has no hope of catching up to demand until well into the 21st century. The figures also strongly suggest that Siberian rivers will have to be tapped for Europe's needs despite vastly greater costs.

Western scientists are awed and concerned at the magnitude of the schemes. Some are dubious on engineering as well as ecological grounds.

And U.S. ecologists have expressed interest in joining Soviet scientists, under existing environmental cooperative programs. In studying potential dangers. The Soviet experts, however, after dismissing fears of global changes, brush off such suggestions.

Every Soviet scientist speaks of the need to "measure seven times, cut once"—an old Russian tailor's proverb. But they seem bent on doing all the measuring themselves even though, if they err, more than the Soviet Union will be affected.

© Los Angeles Times



United Press International

SIGNS OF CIVILIZATION—Rising in front of Milan's Duomo, like a monument to pollution, are sacks of garbage left there by striking sanitation workers.

But Lauds Progress

Nyerere: Socialism a Long Way Off

By David B. Ottaway

DAR ES SALAAM, April 20 (WP).—In a remarkably frank assessment of 10 years of trying to *build socialism in Tanzania*, President Julius Nyerere has concluded that his country is "certainly neither socialist nor self-reliant" and that the goal of making it so "is not even in sight."

But he also asserts that Tanzania has taken "very important steps" toward its objective of becoming a *socialist state and that* the Tanzanian "national ethic" is already a socialist one.

The 51-page document, called "The Arusha Declaration Ten Years After," is probably the most honest self-criticism of a government's performance by an African leader still in power. It was written in January and has just recently gone on sale to the public and been distributed to government and party offices for study and discussion.

The Arusha Declaration, named after the town in northern Tanzania where it was adopted in January, 1967, first spelled out Tanzania's commitment to a socialist policy. It has provided the ruling party, the Tanganyika African National Union, recently renamed the Revolutionary party, with its guiding ideology and program of "ujamaa," or communal villages.

Mr. Nyerere has greatly encouraged an active debate by allowing outside scholars and his own people to criticize and write about the Tanzanian experiment.

He has also gained phenomenal amounts of international financial support for his experiment. Tanzania receives about $300 million annually in foreign aid, one-third from the World Bank and another third from the Scandinavian countries. *The rest is provided* by a broad spectrum of Communist and capitalist states, including China, the Soviet Union and the United States.

"Ten years after the Arusha Declaration," writes Mr. Nyerere, who is known as "Mwalimu," or teacher, "Tanzania is certainly neither socialist nor self-reliant. The nature of exploitation has changed but it has not been altogether eliminated. There are still great inequalities between citizens. Our democracy is imperfect. A life of poverty is still the experience of the majority of our citizens."

Furthermore, he says, "our nation is still economically dependent upon the vagaries of the weather and upon economic and political decisions taken by other peoples *without our participation* or consent."

But Mr. Nyerere found no reason to be discouraged by these failings, saying that Tanzania's *not yet being socialist was* "neither surprising nor alarming."

He noted, as major achievements of his government, that, "First and foremost, we in Tanzania have stopped and reversed a national drift toward the growth of a class society based on ever-increasing inequality and the exploitation of the majority for the benefit of a few.

"We have changed the direction of our national development so that our national resources are now being deliberately directed *toward the needs of this nation* and its people," he said.

Secondly, he said, Tanzania has established some of the attitudes which are necessary to *the development of socialism* . . . the argument now is not on the principle but on how, and how fast, we can move" toward socialism.

The Tanzanian leader listed the following successes of the first ten years of building socialism under his leadership: "Reasonably good progress" toward providing the country's 14 million people with basic health, education and transportation facilities; the establishment of public institutions necessary to establish Tanzanian control over the economy; the resettlement of "virtually our entire people" into 7,684 villages so that the government can now provide them with public services; a trebling of the *value of industrial production* and a nearly tenfold increase in government spending on agricultural development; the reduction in the disparity between the highest and lowest incomes in the public sector, and far greater direct participation in local government.

Shortcomings

The President also discussed in detail what he regards as the country's current economic, social and political shortcomings. Chief among these, he said, was the government's heavy dependence on foreign aid and deficit financing and its failure to take seriously its own doctrine of self-reliance.

"The fact is that we are still thinking in terms of 'international standards' instead of what we can afford and what we can do ourselves," he said. "The present widespread addiction to cement and tin roofs is a kind of mental paralysis . . . people refuse to build a house of burnt bricks and tiles: they insist on waiting for a tin roof and 'European soil' (cement)."

Another major failing he mentioned was "only a negligible real improvement" in the "per capita standard of living."

The annual increase in the country's national income, he said, was slower after the declaration of socialism than before. Industrial plants are generally running well below capacity, often 50 per cent or less, he wrote.

Mr. Nyerere ended his report with a warning to his people of "very difficult" economic problems for three to four years and a call for a major effort to increase production. "There is a time for planting and a time for harvesting," he said. "I am afraid for us it is still a time for planting."

Spanish Workers in Germany Air Grievances to Monarch

BONN, April 20 (AP).—King Juan Carlos of Spain, looking somewhat ill at ease in a crowd of workers, heard impassioned calls today for aid to children of *120,000 migrant Spaniards* living in West Germany.

"Viva el Rey! Viva España!" about 150 of the King's countrymen shouted as they pressed close to the 39-year-old monarch on the second day of his state visit to West Germany.

The workers—who had been screened—shook hands with the King and Queen Sofia in their ambassador's residence before emerging into the sun-drenched driveway for the 20-minute, face-to-face meeting.

"I told him the biggest problem is discrimination against our children in German elementary schools. Most of our children never graduate," Manuel Romano said.

The King listened politely—nodding and smiling—as Mr. Romano, a leader of the Federation of Spanish Parents in West Germany, joined three other men *in airing* their grievances.

Two of the men spoke in loud tones, and the King appeared embarrassed by their fervor, but the workers seemed satisfied with their hearing.

Royal Promise

"The King promised he would try to help solve our problems," Mr. Romano said.

"We discussed the development of democracy in Spain and the possibility of giving the vote to those of us living abroad," said Mr. Romano, 40, a native of Ciudad Real.

The royal couple's stay in West Germany is the first visit to this country by a Spanish head of state in 40 years.

"Gastarbeiter" (guest or alien workers) began coming in large numbers to West Germany in the 1960s as the country's "economic miracle" of recovery from World War II got into full swing.

Better wages than they can earn in their own countries make *them long-term residents of* West Germany, and they complain about being treated like second-class citizens while they stay and contribute to the West German economy.

Emphasizing his concern about their problems, the King plans to meet with Spanish workers in Bremen and Stuttgart before flying home Saturday morning.

Connecticut Passes Anti-Concorde Bill

HARTFORD, Conn., April 20 (UPI).—The Connecticut House of Representatives yesterday passed a bill preventing the supersonic airliner Concorde from landing in the state except in emergencies. Gov. Ella Grasso, a long-time opponent of the Concorde, is expected to sign the bill, which was passed by the Senate earlier this month.

Although no plans have been made for Concorde landings in Connecticut, Gov. Grasso and the legislature wanted to make sure the state is protected if the federal government rules the French-British plane can land in the United States.

Spain Ratifies 2 Accords on Trade Unions

GENEVA, April 20 (NYT).—Spain officially notified the International Labor Organization today of its ratification of two *international conventions* on the right to organize independent trade unions.

Both conventions were drafted by the annual assembly of the ILO, a specialized agency of the United Nations. The agency's 134 member states are represented at the assembly by trade unions and employer associations as well as by governments.

Spain's failure to uphold internationally recognized trade union rights during the Franco regime often brought it into conflict with the ILO.

Under one convention, adopted in 1948, ratifying governments are pledged to guarantee both workers and employers the right to "establish and, subject only to the rules of the organization concerned, to join organizations of their own choosing without previous authorization."

This international pact on freedom of association has now been ratified by 86 nations in all.

Worker Protection

The second convention ratified by Spain insures workers "adequate protection against acts of anti-union discrimination in respect of their employment." Now accepted by 103 countries, this treaty was approved by the ILO in 1949.

The Spanish minister of labor, Enrique de la Mata, presented the documents confirming the ratifications to Francis Blanchard, ILO director-general, in a private ceremony.

An ILO announcement said that ILO principles had served as a reference in preparing the "fundamental changes" that it said Spanish trade union legislation had recently undergone.

A three-man "study group" appointed by the ILO to make an on-the-spot survey of trade union conditions in Spain following complaints by trade union federations found in 1969 that there were "persons imprisoned for activities which could be regarded in other countries as legitimate trade union activities."

But Quick Ratification Unlikely

Carter Backs U.S.-Turkish Acc

By Bernard Gwertzman

WASHINGTON, April 20 (NYT).—*The Carter administration*, at the end of a three-month review of policy in the eastern Mediterranean, has decided to endorse the controversial four-year, $1-billion bases agreement with Turkey signed over congressional opposition by former Secretary of State Henry Kissinger last year but never approved on Capitol Hill.

As part of a package of proposals to be made public tomorrow, the administration will not ask Congress, however, for prompt action on the pact, which has been bitterly opposed by Greek-Americans. Rather, eventual passage will implicitly be linked to Turkish concessions on the Cyprus issue, *the heart of the Greek*-Turkish controversy in the eastern Mediterranean that has weakened the Western alliance.

The administration will ask Congress also, pending future action on the defense cooperation agreement, to again partially lift the arms embargo against Turkey, instituted by Congress, and allow Turkey to purchase on credits or cash $175 million in military equipment in the next fiscal year.

F-4 Phantoms

This would be an increase of $50 million over the current ceiling. In addition, Congress will be asked to permit an additional exemption of some $50 million to $55 million for continued pur*chases of F-4 Phantom jets* in the fiscal year beginning Oct. 1.

Although the administration has combined these steps—applauded by the Turks—with moves not to *their liking*, the entire package already has drawn criticism from members of Congress informed of the plan in recent days. A new congressional-executive rift over Cyprus is not ruled out by these congressmen.

Four of the strongest congressional opponents to restoring military aid to Turkey before a Cyprus settlement is achieved were briefed by the State Department yesterday.

They were Sen. Thomas Eagleton, D-Mo., Sen. Paul Sarbanes, D-Md., Rep. John Brademas, D-Ind., and Rep. Benjamin Rosenthal, D-N.Y.

Afterward Rep. Rosenthal said that they all agreed that the package was "unacceptable" because of its endorsement of the bases pact prior to progress on Cyprus and the stepped-up aid request in the face of the embargo legislation.

Disappointment Feared

He said that the package would meet opposition even from some of Mr. Carter's major supporters and would disappoint those who voted for him thinking he would take a more sympathetic approach to the Greek position than had the outgoing administration.

Nevertheless, senior State Department officials maintained that they have broken significantly with Mr. Kissinger's policy.

In interviews, they said that *unlike Mr. Kissinger's strongly* held "nonlinkage" policy, the Carter administration has decided to let Congress know quietly that no action need be taken to approve the bases agreement—as distinct from the request for further partial lifting of the arms embargo until the Turks have made significant moves to settle the Cyprus situation.

Mr. Kissinger, on March 29, 1976, told a House committee that any effort to link the defense cooperation agreement and Cyprus would be a major mistake.

"For Congress to relate the two would lead to disastrous consequences that would last for decades," Mr. Kissinger said.

Word Avoided

The Turks will adamantly reject any linkage between Cyprus and the bases pact, and the Carter administration, in its formal presentation to Congress, will avoid the word.

Rather, Matthew Nimetz, the State Department counselor, will tell key committees tomorrow that they were not being pressured to act on the agreement until the overall "atmosphere" was better in the area and their concerns were met.

The administration hopes that through such indirect language, the Turks will begin to move more vigorously on Cyprus—particularly if a strong government is returned in Ankara after the June 5 election—without the Turks turning the issue into another cause of anti-Americanism.

The decisions taken by the policy review, officials said, are aimed at trying, to the extent possible, to make the United States appear as an "honest broker," neither pro-Turkish nor pro-Greek.

The Turks, in pique at the arms embargoes levied by Congress and only partially lifted each year, closed down about 25 U.S. bases in Turkey in 1975, most of them intelligence-gathering facilities.

If the pact is approved, the Turks would open up the bases, and receive $250 million in military aid in each of four years—one fifth of it in outright grants.

Congress, under administration pressure, eased the total embargo on arms so that in the current fiscal year ending Sept. 30, Turkey is eligible to purchase up to $135 million in mili either through credit

The Carter admini part of the review, to seek from Congress in the amount of mi to Turkey to $175 mi 1978 fiscal year. In plans to seek a specia that Turkey can a additional F-4 Phant approved under a 40-million program.

Assad Leaves Moscow For a Tour of Russia

MOSCOW, April 20 (AP).—Syrian President Hafez al-Assad left Moscow for a tour of the Soviet Union today, heading first for Kiev, Tass said.

Mr. Assad arrived in Moscow Monday for an official visit which has included talks at the Kremlin and speeches reaffirming Soviet-Syrian friendship.

But Reforms Hinted in Fall

Treasury Opposes Delay Tax on Americans Abro

(Continued from Page 1)

delays must still survive a House-Senate conference.

In addition, the House, just before leaving for its Easter recess, passed a separate bill to delay the sick pay provision for one year. When this bill went to the Senate Finance Committee, the panel, at the insistence of Chairman Russell Long, D-La., added language delaying the foreign income provisions and adding a provision for certain tax credits for state legislators.

The bill then went back to the House where an attempt to obtain unanimous consent to accept the added Senate language failed. Yesterday the Senate asked for a conference with the House to iron out the differences on this measure.

It is conceivable that the bill containing the delays in both the sick pay and the foreign income provisions could be quickly accepted by the conference and passed by both houses. There is overwhelming support for the delay in the sick pay provision in both houses and substantial support, especially in the Senate, for a delay in the foreign provisions.

The bill, with these provisions included, *might then* be vetoed by the President. If happen, it would still for Congress to keep in the main tax bill Carter is much mo sign.

Columbia Protest Over Kissinger

NEW YORK, April 20 (AP).—Columbia University students are holding protest meetings against the possible naming of former Secretary of State Henry Kissinger to the faculty.

Alison Shore, a history major and spokeswoman for the Committee to Keep Kissinger Off Campus, called Mr. Kissinger "the butcher of Vietnam" and said banning him "is not an issue of academic freedom, but of morality." She spoke as about 60 students gathered for a protest meeting last night on the campus.

University president William McGill has been negotiating with Mr. Kissinger, a professor at Harvard University. He was quoted in the university's newspaper, Spectator, as saying he was "utterly impervious to the pressure of petitions" opposing Mr. Kissinger's appointment.

Young Asse He Will Pu 'Dreams' al

UNITED NATI April 20 (WP).—An defending himself ag that he is naive a mistic, said yesterd will pursue "impossi at the United Nati he did in the civil ri

"It's those impos that have made m living, and I wouldn' for any amount of protocol in the wo applauding delegates national convention Nations Association.

Mr. Young, the ch gate to the Uni acknowledged that spokenness and info drawn fire, and he it when the micro after his introdu laughter, he said tha James Leonard, had ed to "pull the ph something I should acted too soon.

Daley Succ Picked in C

CHICAGO, April Acting Mayor Mich easily defeated five yesterday to win no the unexpired two sixth term of the Richard Daley.

It was the first Ci al election in 22 ye Mr. Daley, who die a heart attack, was

On the Republican man Dennis Block nated.

As victor in the primary, Mr. Bilan all but certain to wi mayoral election t though Mr. Block make a fight of it

President Calls on Cong To Approve Energy Pro

(Continued from Page 1)

ed the plan, "I believe it is an excellent energy policy" and predicted it "will be well received by the American people."

A White House outline of the proposed energy program showed these additional features:

- Federal highway money for the states could be withheld if states failed to enforce the 55-mile-an-hour speed limit vigorously.
- Federal agencies would be ordered to buy fuel-efficient cars.
- Homeowners would be entitled to a tax credit of up to $410 if they spent up to $2,200 in a given year on conservation measures for their homes, such as insulation and weather stripping.
- The bigest home energy-using appliances would come under mandatory efficiency standards as soon as possible.
- *State utility* commissions would have to require utilities to end bargain rates for bulk customers and give off-peak bargain rates to customers.
- All new gas, both within the state and in interstate commerce, would be under a ceiling of $1.75 per thousand cubic feet next year.
- The ultimate size of the nation's strategic oil reserve would be doubled to 1 billion barrels.
- Industrial and utility users of natural gas would be taxed so that their gas would begin to cost about the same as other fuels—encouraging them to shift to use of coal.
- New coal-fired plants would have to install the best available controls on pollution.
- Tax credits would be paid for installing solar equipment, both by business and homeowners.

The objections to the gasoline tax included doubt that higher taxes actually result in conservation, fears that they would impose an unfair burden on residents of rural areas who must drive more than city dwellers, and uncertain ministration plans some of the higher through the tax sy

Senate Democratic Cranston, for exam could not support a tax unless there provisions for his h California and other West that depend h automobile because distances.

Sen. Henry Jacks chairman of the en tee handling regula of oil and gas, said gas tax is in trouble deter consumption. you'd have to set would be impossibl through."

House Speaker Th said many House m the President they c for the gasoline ta would hurt touris states.

Senators from e ing states criticized sions as the propos ing on the price of gas.

Sen. John Tower, the $1.75 price "woul duction," while Sen sen, D-Texas, calle limit "unrealistic, a 50 cents in the free-m

In Houston, Jack E ident of the Scurlock president of the Te tinent Oil and Ga Association, said: "It very discouraging, one helluva dog figh seem to convince th are doing our share

And in Austin, T Langdon, Texas rail sioner, said the pro program is disastro "dangerously polariz The commission reg leum production in

Mr. Langdon shar the Carter proposals emphasized conserv of oil production.

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هكذا من الأصل

But Doctors Told to 'Respect the Will of the Patient'

Swiss Medical Guidelines Approve 'Passive' Euthanasia

...SEL, April 20 (AP).—The ... Academy of Medical Sci... issued guidelines today that ... permit doctors to cut off ...prolonging treatment for ... or comatose patients.

... doctor said that if the ...ctives concerning euthanasia" ... applied in the United States, ...rs would be permitted to ...ntravenous feeding of Karen ... Quinlan, the comatose ... Jersey woman whose case ...ff an international debate. ...v paragraphs in the Swiss ...tive stipulate that doctors ... "respect the will of the ...nt" who has been fully in...ed of his condition, "even ... does not correspond with ...medical indications."

... the treatment of patients ...are unconscious or otherwise ...le to make a judgment, ...rs are to base their deci... on medical indications but are advised to take into consideration the patient's presumed wishes.

A doctor should alleviate the suffering of dying, mortally ill or critically injured patients whose condition cannot be cured "and who will not be able to live a conscious life related to their environment," the directives added. "But he is not obliged to utilize all therapeutical means that serve to prolong life."

The academy said a doctor could discontinue or not provide medication "as well as technical measures, including artifical respiration, oxygen supply, blood transfusions, hemodialysis (artificial kidneys) and intravenous nourishment. Renunciation of therapy or its limitation to alleviate suffering is medically justified if putting off death would mean for the dying an unreasonable prolongation of suffering and if the (patient's) basic condition has taken . . . an irreversible course."

The Swiss Medical Association said the directives amounted to "unequivocal acceptance" of "passive euthanasia" as distinct from "active" mercy-killing, which is punishable under the criminal code.

The directives were written by 17 experts, including a jurist and moral theologians from the Roman Catholic and Protestant Churches.

They were prompted by the disclosure in 1975 that life-prolonging measures had been halted for a few terminally ill and comatose elderly patients in the Zurich City Hospital. The head physician, Peter Haemmerli, was suspended following a criminal complaint by the city's health director alleging homicide.

Dr. Haemmerli was reinstated 10 weeks later and subsequently cleared of criminal charges. He said today that he felt fully confirmed by the directives in his advocacy of euthanasia.

The U.S.-trained doctor said that in the United States such directives would have authorized doctors to terminate what he called the "forced feeding" of Miss Quinlan.

Miss Quinlan, now 23, lapsed into a deep coma on April 15, 1975, after taking drugs and alcohol. Doctors testified that there was no hope of recovery. The New Jersey Supreme Court ruled in March, 1976, that doctors could disconnect her mechanical life-suport systems without fear of criminal charges. Although the systems were disconnected, Miss Quinlan has remained alive because of intravenous feeding.

Policies Are Outlined

...rter's Energy Goals Seen ... Facing Serious Obstacles

By Steven Rattner

...SHINGTON, April 20 ...).—President Carter, who ...ts his energy policy to the ... tonight, will be facing ...serious problems than those ...nted by his predecessors, ...ling to experts.

...e energy crisis has not yet ...helmed us," Mr. Carter said ...speech Monday night, "but ... if we do not act quickly."

... Carter was alluding to a ...r of persistent trends that ... in the early 1970s and now ...t the possibility of serious ...nic disruptions. Among the ...ns are the following:

...oduction of oil and natural ...he nation's two most im...t energy sources, reached ... in 1971 and has declined ...uously since then.

...se of coal, an alternative ... and gas, has increased only ...stly above levels reached as ...go as 1920.

...evelopment of nuclear pow...nce considered the fuel of ...ture, has stagnated. Orders ...lew nuclear reactors have ...ed to almost zero.

...uch alternative fuels as oil ... and coal gasification are ...many years from reality.

Use Climbing

...ergy use has been climbing, ...the importation of oil to meet ...shortfall has been rising even ...r.

...en as Mr. Carter was draft... his energy policy last winter, ...natural gas shortage hit with ...force. As bitter cold weather ...nded on the eastern half of ...United States, more than 1.2 ...on workers were idled, and ...unted billions of dollars in ...it were lost.

...e layoffs have diminished, ...the decline in natural gas ...ction has not, and experts ...hat the problem could recur ...even greater severity next ...r.

... economic effects of the ...pling of oil prices continue ...ger. Most economists agree ... principal cause of the 1975 ...ion, the most severe since ...reat Depression of the 1930s, ...the pricing actions by the ...ization of Petroleum Ex... Countries. Last year, the ...'s bill for imported oil was ...illion; six years ago it was ...illion.

1950s and 1960s were of energy abundance, with ... discoveries of oil in the ... East and elsewhere provid... seemingly unlimited supply ...l.

Declining Prices

... abundance of supplies ...nt slowly declining prices, ... in turn encouraged sharp ...ses in consumption. Be... 1960 and 1973, use of energy ...e United States rose by 4 ...ent each year, for an overall ...se of 67 per cent.

... the low prices apparently ...raged exploration for new ...es, and drilling for oil and ...egan a decline in 1956 that ...ot abate until 1971. At the ...time, reserves of oil reversed ...historic growth patterns and ...7 began a decline that is ...continuing.

... the early 1970s, before the ...c actions by OPEC, warn... ...gns began to appear. First ...ne, then fuel oil began to ...hort. Prices began to edge ...d as excess supplies vanish... ...nally. In October, 1973, just ...before the Arab oil embargo ...imposed, former President ...rd Nixon imposed a "man... ...y allocation" program to try ...oid serious heating oil short... ...expected for the winter.

...ce 1973, there has been little improvement in oil and gas supplies. Imports of oil last year rose to 44 per cent of total national supplies, compared with 39 per cent a year earlier and 26 per cent in 1971.

Specter Raised

Recently, some experts have raised the specter of an even more serious problem in the form of a marked tightening in world oil supplies. Even such large exporters as Saudi Arabia, according to some studies, could find difficulty in meeting demand in the 1980s, and the result might be price increases more devastating than those imposed in 1973-74.

Natural gas, which is not easily imported, continues to be scarce, and production is still falling: Last year, production totaled 19.5 trillion cubic feet, down from 19.7 trillion cubic feet a year earlier and 22.6 trillion cubic feet at the peak in 1973.

Coal and nuclear fuel have also been plagued by supply problems, although for different reasons. In the period of cheap oil, coal production languished, moving in spurts throughout the 1950s and 1960s despite a great abundance of reserves.

The principal reason was lack of demand as electric utilities, coal's major customers, switched to inexpensive oil and gas, but labor turmoil and later environmental objections were also partly responsible. Coal production as recently as 1971 was only 552 million tons, below the 569 million tons recorded in 1920.

Nuclear power has also faced difficulties despite hopes that it would become a major source of energy. A measure of interest in nuclear power is orders for new generators and, according to the Atomic Industrial Forum, an industry group, this index has taken a sharp drop.

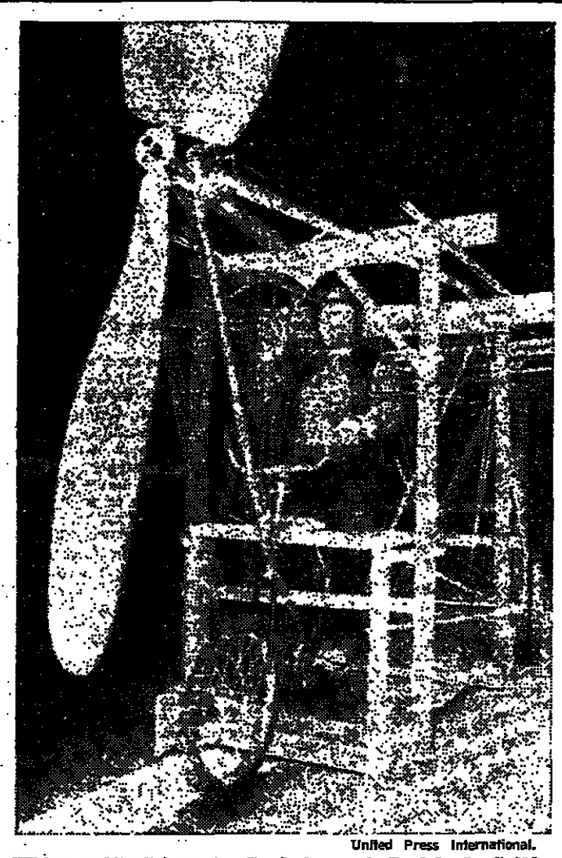
A-Orders Drop

After reaching a peak of 366 units in 1973, orders dropped to five in 1975 and three last year. The electric utilities attribute the falloff in orders to a combination of higher costs, environmental objections and slack demand by their customers due to the recession.

While prospects for the supply of energy were growing increasingly dim, there was little effective action to stem the demand. Use of energy fell in 1974 and 1975, but it rose by 5 per cent last year, more than the 4-percent average growth in energy use between 1960 and 1973. Experts expect the growth to continue.

A typical assessment came recently from Exxon, which estimated growth in domestic energy use at 2.8 per cent per year until 1990, assuming moderate conservation efforts by the government.

Exxon expects oil imports to increase from 8.5 million barrels, or 45 per cent of oil supply, to 13 million barrels by the late 1980s. At that point, Exxon believes, imports will decline slightly.



United Press International.

HIGH HOPES—Clyde Goehring, of Carlsbad, Calif., displays the pedal plane which, he says, he will soon test fly, hoping to get 10 feet off the ground for a mile to win the $120,000 prize offered by a Briton.

Nazi Daubings Mark Anniversary of Hitler

HANNOVER, April 20 (UPI).—Neo-Nazis observed Hitler's birthday today by smearing swastikas and anti-Jewish slogans in a Jewish cemetery and on public buildings here, the police reported.

The vast majority of Germans ignored the anniversary of his birth in 1889. Most probably have forgotten the significance of the date.

No-Meat Menu

At White House

Brings a Beef

WASHINGTON, April 20 (UPI).—"The last thing we need is the President of the United States advocating a vegetarian diet for Americans," Wray Finney, president of the American National Cattlemen's Association, told President Carter in a telegram yesterday.

Mr. Finney asked Mr. Carter to add meat to the dinner he plans to serve to 50 guests tomorrow to commemorate Food Day. The White House said that the dinner will be a potluck meal, with guests bringing their own food.

"The White House is in no position to tell people from this group what to bring or what not to bring," a presidential spokesman said. "It was their choice not to serve meat. The White House is not advocating a vegetarian diet."

The buffet meal will include black bean soup, fruit juice, salad, whole wheat muffins, broccoli casserole and a dessert of mixed fruits.

A Food Day statement described the menu as "ecological . . . since it draws its abundant protein from beans, grains and milk instead of meat, which is at the most inefficient end of the food chain."

Satellite Misses Orbit in Misfire

CAPE CANAVERAL, Fla., April 20 (UPI).—An attempt to launch a European-designed satellite to study the earth's magnetic fields failed today when its U.S.-made launching rocket fired it into an incorrect orbit.

It was the first failure of the Delta rocket, which had performed flawlessly in 29 consecutive firings in the last three years, National Aeronautics and Space Administration officials said. The Delta is manufactured by McDonnel-Douglas.

The Delta boosted the Geos satellite on schedule at 5:15 a.m. and 25 minutes later the satellite went into orbit. But two hours after launch, data from the satellite indicated a malfunction. NASA officials said the third stage of the rocket apparently separated too soon from the second stage before it had a chance to fire spin rockets to boost it into its proper orbit.

As Carter Presses Human Rights Drive

Korean Crackdown Could Mar U.S. Ties

By Andrew H. Malcolm

SEOUL, April 20 (NYT).—The government of President Park Chung Hee has begun a nationwide police roundup of political opponents as South Korea experiences one of the most politically active periods in recent years.

The seizures, which included a midnight raid on a church office, are expected to focus renewed American attention on the human rights situation in South Korea. Just before the arrests, a U.S. congressional delegation visited here to investigate the issue.

The latest developments appeared likely to further complicate already delicate relations between South Korea and the United States. President Carter, who has announced the gradual withdrawal of 33,000 American ground troops here, has also made the human rights issue a central foreign policy theme.

Meanwhile, U.S. Ambassador Richard Sneider has come under mounting criticism from some quarters for his alleged lack of concern and inactivity in promoting human rights.

Quiet Anniversary

Yesterday, the 17th anniversary of the student uprising that toppled the authoritarian regime of Syngman Rhee in 1960, appeared to have passed quietly despite fears of student demonstrations and possible violence.

There were, however, a number of large and emotional memorial meetings to commemorate the uprising and the slaying of more than 100 young South Koreans by police. Two years later in the resulting political confusion President Park, then an army general, seized power and has ruled with a tightening grip ever since.

He maintains that Communist North Korea would misinterpret democratic dissent as a sign of weakness and then invade the South.

Officially, one spokesman conceded last night that 14 persons had been "called in for questioning." Other sources said at least 20 and possibly many more in provincial areas had been seized and were undergoing intensive interrogations by Korean Central Intelligence Agency teams.

Yun Manifesto

The latest protests, the most severe in two years, began in late March when former President Yun Po Sun issued a "manifesto for the restoration of democracy," restoration of press, education and religious freedom, abolition of the 1972 Constitution and an end to alleged police torture and surveillance.

On April 13 six police without warrants broke into the Human Rights Commission offices of the National Council of Churches and seized several bundles of files and documents related to the manifesto and the commission's legal defense work.

The arrests began the next morning. Thirty-six hours earlier, Representatives Lester Wolff, D-N.Y., Mario Biaggi, D-N.Y., Helen Meyner, D-N.J. and Billy Lee Evans, D-Ga., had left South Korea. The group's determination to at least visit some of Mr. Park's domestic opponents reportedly infuriated Ambassador Sneider.

A career foreign service officer, Mr. Sneider has been an advocate during his two-and-a-half years here of so-called "quiet diplomacy," whereby American officials work behind the scenes to soften Mr. Park's policies.

904th Cosmos Aloft

MOSCOW, April 20 (UPI).—The Soviet Union today launched its 904th Cosmos satellite.

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News Analysis

Kremlin Mistrust of Carter Is Hardening

By David K. Shipler

MOSCOW, April 20 (NYT).—Despite Soviet and American pledges to further détente, relations between the two countries during the first three months of the Carter administration have been marked by one confrontation after another, producing little more than friction, annoyance and public posturing.

By the most optimistic assessment, it has been a period of mutual testing, natural when a new president takes office. For the moment, each side feels obliged to show firmness in the face of the other's probes. In the long run, according to the hopeful prognosis, intransigence may dissolve into serious negotiations on a range of major issues.

This sanguine view exists in Moscow, but less prominently than in Washington. Some Soviet officials, once worried by how little they knew of President Carter, are now worried by what they have come to know. Negative images are hardening into negative attitudes and unflattering terms such as "gimmicks" and "calculated" crop up in remarks by Soviet insiders who were formerly circumspect in references to U.S. presidents.

The clashes have been both substantive and stylistic, with style differences stirring the deepest resentment here. In the area of nuclear arms, for example, while a gulf of specific military disagreements separates the two sides, both Mr. Carter and Soviet Communist party leader Leonid Brezhnev have said recently that accommodation is conceivable on the issues.

Kissinger Style Missed

It is less easy to mesh styles of a closed society and an open one, especially one whose President has a new commitment to frankness in foreign policy. The Russians preferred the secretive—they would say "tactful"—diplomacy of former Secretary of State Henry Kissinger.

Moscow tends to interpret Mr. Carter's outspokenness—his support for human rights, his advance outline of arms-control proposals—not as an effort to make the U.S. government responsive and open, but as an effort to humiliate the Soviet Union.

This stems in part from the Russians' tendency to inflate their own importance in Washington's policy calculations. In addition, there is little appreciation here for the dynamics of American domestic politics. Even some who understand the interplay of special interests and political forces in the United States think it demeaning and dangerous for such things to influence a president's foreign policy.

Soviet officials were once charitable enough to attribute Mr. Carter's unorthodox behavior to his inexperience. But some now favor more sinister explanations. "Carter uses gimmicks," one declared. "Everything he's done has been calculated—no accidents."

Jackson's Hand Seen

Conventional wisdom in some official circles even holds that the real author of what Moscow considered the one-sided arms proposals brought here last month by Secretary of State Cyrus Vance was Sen. Henry Jackson, D-Wash., who is anathema to the Russians because of his amendment linking freer Soviet-American trade to freer emigration of Soviet jews.

Such damning indictments of Mr. Carter reflect a profound distaste for his methods, but not a final judgment, for the Russians continue to express their strong commitments to the main business of détente as they see it: arms control, trade and the like. What remains to be seen is whether they can learn to live with the new open diplomacy in Washington.

The pattern of recriminations began as Mr. Carter came into office amid a Soviet crackdown on prominent dissidents. The State Department and then the President expressed concern and support for individual activists.

Missile Differences

Confrontation ensued over strategic arms. Before Mr. Vance's visit to Moscow, the President publicly outlined his proposals, a departure from custom that the Russians interpreted as "pressure in advance." The plans contained what Moscow felt were inequities—a large cut in heavy missiles, on which the Soviet Union is more dependent than the United States, without corresponding limits on medium-range American Cruise missiles that could be fired from ships or planes.

No matter what the atmosphere, Moscow would certainly have rejected the Carter proposals for military reasons, but the manner of the rejection—flat, public and angry—seemed to express a desire to rebuff the President's crusading diplomacy and teach him a lesson about how to deal with Moscow.

"You say we are testing Carter," a Soviet official remarked. "But we could say you are testing us."

Despite the testy mood, both sides seem eager to find areas of accord. In the human rights field, some Soviet insiders have indicated that if President Carter avoids direct contacts with dissidents, Moscow might swallow his general statements on the issues. And some Western diplomats have suggested that Mr. Carter's restraint might be easier to achieve if the Russians hold down arrests.



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INTERNATIONAL
Herald Tribune
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Page 4 — Thursday, April 21, 1977 *

The Ultimate War

President Carter has called the American "decision on energy" the "moral equivalent of war." Considering the unpleasant facts that must be faced, the sacrifices that must be made, the changes in ways of thought and action that must result, the comparison was a good one. But in fact the American program for the conservation and development of energy is only one campaign in what is in fact a global war—perhaps the ultimate war—the armageddon of a human race that is confronting growing numbers of its own kind, decreasing stocks of the materials on which it lives.

The energy question has certain special qualities for the United States. A continental land, one that has grown from a few million to more than two hundred million in less than four centuries, the Americas have always been haunted by a space that was far greater than in the crowded lands from which its people came.

Human energy—even slave labor—was never great enough to utilize the great resources that opened in the Western Hemisphere; artificial energy—steam, internal combustion, electricity, nuclear power, solar energy—all of these seemed needed to an extent unknown elsewhere. And they left a confidence in artificial energy, a dependence upon it, that made Americans, in their President's words, "the most wasteful nation on earth."

So the American historical and economic experience has become vital, not only to its own way of life but to that of many lands who look to machines to develop their primitive economies (Cambodia, to be sure, boasts that it uses no machines) as well as to those which have much the same industrialization as the United States but rather less space and fewer native resources.

Moreover, the approach to energy is only the beginning, or rather only the most dramatic, of the many campaigns that humanity must wage if it is to have food and water, clothing and housing, the absolute essentials of life on this planet. In this, the United States must also engage, as indeed it has begun to do.

Mr. Carter is popular. He is still regarded with confidence by the people who elected him. What remains to be seen is whether this confidence will survive the diminution of some creature comforts, the costs and effort of adapting to the campaign to use less of such diminishing forms of energy as that produced by petroleum and more of newer or—as in the case of coal—older forms that inject their own difficulties into the environment. It also is still to be known just how President Carter proposes to conduct this campaign, and what support he will receive from a Congres that has already grown restless under the new administration.

But that everyone, whether worker or manufacturer or consumer, whether in or out of government, must sincerely combine to work toward the success of the campaign is vital, not only for the United States but for the world. Mr. Carter has said that, unlike war, his moral equivalent would build, not destroy. But that building means a positive effort at human survival no less than war means a negative effort to avoid, while inflicting, destruction.

Playing the Chinese Card

The Carter administration seems about ready to pay more attention to Peking. And at the right time, too. The original geopolitical reason for Richard Nixon's outreach to the People's Republic of China—to put pressure on Moscow—remains valid. Having undertaken its own negotiations with the Kremlin, the administration has the same need to play the Chinese card. Thus Secretary of State Vance was hardly back from Moscow when he received the heads of the Chinese liaison office and the National Council for U.S.-China Trade. The President's son Chip was dispatched to Peking. The newly reported selection of Leonard Woodcock, a substantive figure, to be the American ambassador in Peking fits in here well.

The Chinese, to be sure, would like to go beyond the level of gestures. They want Washington to make good on Mr. Nixon's 1972 promise to normalize relations, that is, to end formal diplomatic and defense ties with Taiwan, which all Chinese and (since 1972) the United States regard as part of the "one China." The administration, it can be said, is set to study how this change might be made. The trick is to end the formal American link with Taiwan without diminishing its actual security. It will take some work with diplomatic mirrors to get the requisite assurances from Peking, but it can be, and should be, done.

The Chinese don't seem to be in a great hurry. Their first priority appears to be to keep the United States as a silent partner in the containment of the Soviet Union. This gives the administration a welcome measure of flexibility. It does not have to approach the Taiwan question under pressure. It can look at it in terms of adding stability to an already sturdy relationship. Mao Tse-tung's death last autumn had, understandably, raised the question of whether his successors would steer China back close to Moscow. But this hasn't happened. Russians and Chinese continue to slang each other; no warming is evident. Meaningful expressions of American interest in moving on the Taiwan question are bound to encourage the Peking faction that wants to consolidate ties with Washington.

There is, however, a cloud on the American political horizon. The administration is moving, if cautiously, on a range of issues that are very disturbing to the American right: Cuba, Vietnam, Panama and now apparently Peking. Taiwan still commands the loyalties of a substantial number of Americans. An even greater number, including ourselves, would object to diplomatic moves that eroded its security. So the administration has reason to move—but to move carefully. It can't afford to overload the domestic political circuit.

THE WASHINGTON POST.

Rhodesia's Time

The premise of the latest British effort to negotiate a settlement of the racial conflict in Rhodesia is that the situation has changed since January, when the latest effort collapsed. It's an understandable premise. True, in the battlefield, things are about the same: Guerrillas are inflicting painful but far from crippling losses on the whites, who can probably hang on for some time. The British have a few new wrinkles in their diplomacy but nothing to alter the basic cause of its ineffectiveness, national weakness. There is, however, a new American President, one who, though untested, starts with a certain credibility among black nationalists. This is what lends interest to the newly announced American readiness to co-sponsor a fresh conference on Rhodesia, if the British (as expected) decide to convene one, and to participate in its actual work.

* * *

Given the evident American unwillingness to *offer more than words and some money*, which is what the last administration offered to no avail, it has to be asked, nonetheless, what purpose will be served by a more prominent American role. It is all very well for Washington to proclaim a commitment to Africa's well-being, to peaceable settlement of disputes, and to multiracialism. But will this slow down the guerrillas, who may feel that by fighting they can reap all the power rather than just a share? Will it induce Ian Smith to entrust the white community's welfare to "guarantors" far from the scene and demonstrably reluctant to act? Is it worth a trip to Geneva merely to hold the British government's coat at a new conference?

* * *

In fact, a conceivable result of the British-American approach to an "international solution," one including the guerrillas based outside the country, is an intensified drive by Mr. Smith and Bishop Abel Muzorewa to reach an "internal solution," one made with "moderate" blacks at home. Last January, Secretary of State Vance, new in office, dismissed "the so-called internal solution." But suppose Mr. Smith and the bishop, who is not a puppet but a politician with broad popular support, hatched a quick-majority-rule plan that allowed participation in internationally sanctioned elections even by the guerrilla elements now proscribed. And *what if the probable alternative was a sequence beginning with a new conference and ending in a rout of whites, a black civil war, and economic ruin?*

Perhaps it will turn out for the worse whatever is now done. But we think there is ample reason to encourage Mr. Smith and moderate nationalists to try to make it come out better, if they can.

THE WASHINGTON POST.

In the International Edition

Seventy-Five Years Ago

April 21, 1902

PHILADELPHIA—"The newer South is a much better South, and while the older and passing generation is remembered with affection by the rising generation, it is with the knowledge that what has happened has been for the best. Today, the South is prospering as it never could have done had the cornerstone of slavery remained unmoved," said the editorial in the Philadelphia Inquirer.

Fifty Years Ago

April 21, 1927

PARIS—"Soviet Russia today has a stranglehold on China, and although she assumes the role of a friend of Chinese liberty, she is using the present revolutionary movement to advance her plans for world-wide revolution," said Rev. Francis J.M. Cotter, former Rector of St. Andrew's Church in Wuchang, China, at a lecture here yesterday. He is on his way to New York, after coming from China.



Brezhnev's Other Problem

By Victor Zorza

WASHINGTON.—Faced with the twin problems of producing all the meat the Soviet people want and all the missiles and tanks demanded by the Soviet marshals, Communist party secretary Leonid Brezhnev tends to promise all things to all men, *much as Western politicians are* often tempted to do. The armed forces will have all the arms they need, he insists, but he also concedes that "a steady supply of meat for the population is yet to be achieved."

The military hardware seems somehow easier to produce. The meat shortages, says Brezhnev in his public speeches, must not be tolerated, and he assures his listeners that "we shall, no doubt, solve this problem." But he knows that such assurances are too vague to inspire confidence, for he adds promptly that "the point is, however, to solve the problems as soon as possible." And here is the rub, for his latest panacea, the program for the industrialization of agriculture announced with so much fanfare last year, seems to be slowing the production of meat instead of speeding it up.

Scattered reports from recent travelers in the Soviet Union suggest that the shortages are frequent and annoying to the point of provoking worker dissatisfaction in some areas. There have even been reports of spontaneous meetings of protest and of strikes, which are, however, difficult to verify. But it ought to be remembered that similarly unverified reports of trouble in the Baltic port of Riga last summer, which were pooh-poohed in the West as coming from "unreliable" dissident sources, were borne out when four workers were jailed for participating in a strike.

More Questions

The West is so unaccustomed to hearing reports of this kind from the Soviet Union that the slightest disturbance could be sensationalized into a major breakdown of law and order. Perhaps we ought to be getting used to the idea that the Soviet people are growing less inclined to accept the Kremlin's orders without question, and that their refusal to do so does not portend imminent political catastrophe. It is not just the dissidents—who often question the very legitimacy of the Kremlin's rule—but many of the ordinary folk who are increasingly inclined to question the Kremlin's policies, much as the people in nontotalitarian countries question the policies of their own governments.

The Kremlin is certainly well aware of the trend and is working on a whole series of measures to deal with it. Its command of the media, particularly television and the press, has been used by what was once known as "agitprop," the party's agitation and propaganda department, as the major means to channel the thoughts and desires of the populace in officially approved directions. The Soviet practitioners of thought-control have worked assiduously to convert total command of the media into total control of the audience, but they still lack many of the ingredients of George Orwell's 1984 system.

One-Way Traffic

Soviet television is only able, so far, to speak to the viewer, but it cannot observe and analyze his reactions. What it says and shows to each person cannot be adjusted to each individual's peculiarities, so that each should react in the manner desired by the authorities. The mass media are too crude a tool for that. The agitprop has therefore issued a new set of instructions designed to deal with the problem.

The mass media have lately pushed "oral agitation" into the background, but the new decree drawn up for the party Central Committee by the agitprop experts seeks to re-establish a massive network of direct word-of-mouth propaganda that would reach every individual, observe his reactions, and report on them, thus providing the feedback the Kremlin needs to control its subjects.

The party decree deplores the "incorrect view" that the development of the mass media has reduced the importance of "oral agitation." While the sophistication of the larger audiences is increasing, the agitprop operation as at present conducted appears to be based on the lowest common denominator. It does not, says the decree, always take into account the higher educational and cultural level of the audience, and of the fact that its members are now better informed than in the past.

It therefore recommends the use of "oral agitation channels" in order to establish differentiated approaches to individual members of the target audience, and suggests that they should be reached at their homes if necessary. "Personal contact" established in this way should be used both to study public opinion and to "shape" it. The questions and criticisms encountered by the agitators should be "systematically" analyzed, and prompt reactions to them should be forthcoming.

The agitprop experts are particularly concerned that oral agitation should provide timely answers "to the questions which crop up among the working people" on current issues. It is obvious that the routine coverage of current events by the mass media does not come to grips with the real issues, as has often been observed by Western analysts, since these are too sensitive for open discussion. Hence the need for "oral agitators," and the topics commended to their attention show what some of these sensitive areas are.

They are told to provide explanations of "party policy," and of specific decisions taken by "party and state organs," to engage in a "frank dialogue" about the shortcomings and difficulties observed by citizens in the country's life, to provide comments on both internal and international issues, on questions of politics, economics, culture, and the like.

At no point does the decree mention meat shortages and strikes, problems in negotiating arms limitation agreements with the United States, or the need for greater defense expenditures—but it is all there, between the lines. So is the guns-or-butter issue, of which the meat-and-missiles problem is one current facet. The Brezhnev program for the industrialization of agriculture that would provide an adequate meat supply would take, at the current rate of investment, a third of the century to complete. If the investment could be diverted from unproductive military spending, this and other sorely needed consumer programs could be completed much sooner. Until this can be done, agitprop will have to find substitutes for the real thing, oral and otherwise.

'The Moral Equivalent of War'

By James Reston

WASHINGTON—President Carter is touching on some of the deepest questions of American history, and even on some of the deepest puzzles of human conduct, in his crusade for a more austere energy policy.

Must we run out of gas before figuring out how to keep going on the long American historic journey? Have we learned nothing from the past? Was it necessary to have a civil war to get rid of slavery; a world depression to modernize the American economy; two German wars to bring America to the defense of a civilized world?

Carter quoted William James, without giving him credit, on the importance of finding some "moral equivalent of war." "Our decision about energy," the President said, "will test the character of the American people and the ability of the President and the Congress to govern. This difficult effort will be 'the moral equivalent of war'—except that we will be uniting our efforts to build and not to destroy."

James' Words

Since Carter has brought it up, it is interesting to look back at what William James actually said in his famous essay. He hated war, but admired the military ideals of hardiness, self-discipline, and fidelity to common purposes. And he wondered why, with foresight and common sense, it would not be possible to inspire and enlist these same personal qualities in the endless struggle for peaceful reform and a more decent world.

"So far," William James wrote early in the century, "war has been the only force that can discipline a whole community, and until an equivalent discipline is organized, I believe that war must have its way. But I have no serious doubt that the ordinary prides and shames of social man, once developed to a certain intensity, are capable of organizing such a moral equivalent as I have sketched . . . It is but a question of time, of skillful propagandism, and of opinion-making men seizing historic opportunities . . .

"Strenuous honor and disinterestedness abound elsewhere. Priests and medical men are in a fashion educated to it . . . The only thing needed henceforward is to inflame the civic temper as past history has inflamed the military temper . . ."

These are old-fashioned words and phrases, but they describe, I think, precisely what Jimmy Carter has vaguely in mind. He fears we could loiter down, as we run out of fossil fuels, into a spectacular energy crisis which could threaten our economy, our influence in the world, and even our national security. And he sees this problem as an "historic opportunity" to find a "moral equivalent" for the martial virtues.

William James enlisted H.G. Wells in support of his theme, and Wells defined it even more eloquently than James. Where is the mind of our people? Wells asked. Was there no power of thought among free men and women strong enough to swing them into armies that could take chaos by the throat? Must thoughtful people be bullied forever?

"Are there no men," Wells insisted, "to think at least as earnestly as one climbs a mountain, and to write with the uttermost pride? Are there no men to face truths as those boys at Mons faced shrapnel, and to stick for the honor of the mind, and for truth and beauty as those lads stuck to their trenches . . . What is to come out of this struggle? Just anything that may come out of it, or something we mean [shall] come out of it?"

A Big Test

It is clear that Carter means that something important shall come out of this impending battle with the Congress, and it is significant that he has chosen to take on the auto manufacturers, and the auto unions—probably *the most powerful political combination* in the nation—in the first major political home-front test of his presidency.

Carter could have fiddled with it—defined the problem in ominous terms, like Ford and Nixon, without bringing in a tough program of disagreeable taxes to deal with it. After all, we are not going to run out of gas in his first term, or even, if he's lucky, in his second term. But even so, he is going for broke in the first quarter of his first year, and taking his chances on a confrontation with the Congress and the most powerful lobbies in the nation.

In short, he is betting on the argument he dramatized in his campaign for the presidency, namely, that the American people are good and generous, and will respond more readily than the professional politicians to an honest statement of the national needs, even if they have to sacrifice to do so.

Like William James, he is fascinated by the notion of civil authority, even by a new civil service by young men and women to local hospitals, day-care centers, aid to the elderly, the demented, and the defeated. But there is this difference: James was merely speculating about "the moral equivalent of war," about changing the attitudes of the people toward the state, whereas Carter is actually thinking about putting these controversial ideas into practice.

"The most important things about these (energy) proposals," Carter said in his latest fireless-side chat, "is that the alternative may be a national catastrophe. Further delay will affect our strength and power as a nation . . . If we wait . . . intense competition will build up among nations and among the different regions within our own country. If we fail to act soon, we will face an economic, social, and political crisis that will threaten our free institutions . . ."

In summary Carter seems even more pessimistic than William James about the drift of human affairs, but paradoxically more optimistic that something can be done to inspire a new sense of civic service and actually inspire a "moral equivalent of war."

Letters

Gullah

Herewith a mite of information to aid to the interesting article (IHT, April 7) on Gullah, the language spoken by American Negroes on the coast of South Carolina: "Gullah" is a corruption of "Angola," from where many of the first slaves came.

I note that the woman engaged in teaching them English hopes that "teachers will offer courses in . . . Gullah to teach people who speak that language to also speak English." Will the instruction include teaching them to also not split infinitives?

But what can one expect when even Henry Kissinger in the same paper tells us that " the new administration needs the support of all of us, for it is essential that they succeed"—the use of a plural verb with a singular collective noun which might be acceptable in England, but not in the United States. And when an American spokesman in the same paper says that "it's very obvious to those guys that we have not provided them with the first string in weaponry like we give to Israel and Iran."

Considering what is happening to the English language nowadays, perhaps we should all learn Gullah.

WAVERLEY ROOT,
Paris.

Carter's Switch on Turkey

By Evans and No

ANKARA.—Although the impact of President C new hard line on Turke most reliable ally of the States in the crucial e flank of NATO, has not felt here yet, the handwrit the wall is ominously clear

That message points to fundamental reversal of the singer-Ford policy of sepa the inflammatory Cyprus from Turkey's NATO role new Carter administration is linkage. Linkage mean Jimmy Carter will not a to persuade Congress to p new Turkey Defense Coop Agreement—ending the m arms embargo on Turkey Turkey makes substantial sions on Cyprus.

That was the private m brought here in late Febru Clark Clifford, Mr. Carte prus mediator. Although careful to avoid stating th reversal in blunt terms Turkish government, the nothing subtle about C frank elaboration of th policy in the long, privat ings he had with U.S. di here.

Those discussions at tim dered on the acerbic, part when Clifford told the U.S. mission, headed by sador William E. Macomb without major Turkish sions on Cyprus they "dreaming" to think tha was any chance that t Democratic President wo to push the new defense ment through the Den Congress. The Greek l now more entrenched th under the new House Thomas P. O'Neill of Ma setts, and the new majorit John Brademas of India

Adding a bitter touch t key to this policy rever the abrupt decision to diplomatic career of Ma He is about to be replac politics-as-usual decision climactic point of the crisis between the United and Turkey.

Macomber's Depa

The departure of M into premature diplomatic ment is not all that unu itself. Although Macomb served in top diplomati under the last five pres and was the only Re named to a top ambas job by John Kennedy in diplomatic housecleaning in any new administrati

What gives the Macom missal its special characte role as the vulnerable no in taking on the Greek Congress. Although M himself rejects it as fanci U.S. operative here suspe U.S. leaders of the Gree played a part in his un nious sacking. (The firs message received here fr State Department order out "at the earliest date.")

Symbolically then, the at the top here has a fain of retribution, perhaps a example of the machina that dangerous new phen of U.S. foreign policy—th ence of ethnic politics most delicate foreign un ings.

Yet Macomber's convi widely shared that Turkey as the most powerful Me nean member of NATO— ance already fissured thr its entire southern flank— any conceivable U.S. gai resolving the bitter Cypri In short, to risk Turk Cyprus is too high a tri pay.

That is the view of top ican officials here, in Ath on the island of Cyprus Thus, even though Turk unquestionably played a recalcitrant hand in th U.S. efforts to media Greek-Turkish deadlock prus, the Carter decision the new defense agreemen ed over one year ago, as to move Turkey is fille danger.

That danger, to be su in the future. Turkey suffered heavy casualties w United States in the Kore is not about to go neutra day. Nor does its age-o of the Russians show ar of abatement. But the decision to sublimate NA pro-Greek U.S. pressure supporting the 1974 arm bargo has thrown Turk balance and is undermin political center of gravity

How far off balance m pend on the outcome of th campaign now being wage for the June 5 national e

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هكذا من الأصل

News Analysis

...utto Bars Idea of Quitting; ...aims Backing of 'the People'

By William Borders

...HORE, Pakistan, April 20 ...).—At a news conference Monday, Prime Minister ...ar Ali Bhutto was asked, as ...s been asked so often lately, ...er he would consider re... from office, as the politi... position is demanding.

...y should I consider resign... he said in exasperation. "I ...egally, politically, morally ... Minister of Pakistan. The ... are with me."

...he hard-pressed people of ...npoverished land are indeed ... him, then why have thou... of them taken to the streets ... the last six weeks in vio... clashes that have claimed ...st 150 lives?

...e government tonight im... a curfew in Karachi after ...st 13 persons were reported ...ve died in renewed political ...ce, Reuters reported.

...rlier today, an indefinite ...l strike was called in Ka... to force Mr. Bhutto's ...ation.]

...the view of the 49-year-old ... Minister's supporters as ...s those who are leading the ... against him, any answer to ... basic question dates back ...before the disputed parlia... ...ry election of March 7, the ...diate cause of Pakistan's ...al crisis.

... roots of the conflict cen... ...such matters as these:

...he ideological dispute over ... rigidly Islamic a society ...an wants to create.

...he personal style with which ...Bhutto operates—which his ... call authoritarian, high... ...d, imperious.

...he question, in the final ...is, of how to govern and ...p a critically backward and ...owded land of 75 million ...s, most of whom cannot ...nd many of whom are often ...y.

...utto was ruling this country ...ictatorially that he didn't ...e what the people were ...ing," said a leader of the ...tan National Alliance, the ...sition coalition. "He finally ... the lid off the tea kettle just ...e the election and it has ...d over into what you see ... in the streets."

Learned a Lot

...en Mr. Bhutto, in announcing ...ogram to make the laws of ...stan more Islamic, as a con... ...on to the opposition, agreed ...day that he had "learned a ... of lessons from this election ...paign—the mood of the peo... ...what the people want."

...ne thing he thinks they want ...ohibition, which he proclaim... ...with immediate effect, closing ...quor stores and bars, except ...oreigners. Alcohol, the con... ...ption of which is forbidden ...he Islamic religion, is a ma... ...issue in Pakistan and the fact ... Mr. Bhutto himself drinks ...ch whisky from time to time ...been a continuing liability in ...ong political career.

...ring the recent election cam... ...n he once felt called upon to ...nd to rumors by holding up ...ss of water at a rally and ...g, "You can see for yourself ... it is water that I am drink...

*Still, a crowd of demon...*ors in Lahore the other day ...ted, "Bhutto drinks whisky!"

...he Bhutto opponents are in... ...d about official corruption. ... just the election rigging. ...n even the Prime Minister ...cles occurred to some extent, ... also at the enrichment of ... of his Pakistan People's ... officials during his years in ...e.

...kistanis who care about civil ...ties have been distressed by ... summary arrests and long ...isonment of government crit... by press censorship and by ...ans on public meetings, gen... in force until the election ...paign began in January.

...e former Prime Minister In...dira Gandhi in India, Mr. Bhutto is said by associates to have gravely misjudged both the depth of the feelings against him and the ability of the opposing groups to unite under one banner. The two Prime Ministers used the same disdainful term, "hodge-podge," to describe the opposition alliances.

In India, that "hodge-podge" is now the government, a fact that helps sustain the Pakistani opposition in its attempt to achieve in the streets what the Indians achieved at the polls.

In response to objections that the means being employed here are undemocratic, the opposition leaders say that Mr. Bhutto's government has lost its legitimacy because of what they consider election violations, that true democracy is "the people's will" as reflected in the recent street demonstrations.

The Prime Minister, in a seemingly defensive move, points out in reply that the population in Pakistan, as in the rest of south Asia, is overwhelmingly rural and that the protests taking place in the cities involve only a tiny minority of the people.

Significant Accomplishments

In the urgent political discussions now under way in the marketplaces and tea stalls all over this country, Mr. Bhutto's backers are citing his accomplishments, which are significant.

Coming to power in the humiliating days after the loss of half the country in the war that brought Bangladesh independence, the Prime Minister has held the rest of Pakistan together against some odds, improved his international image and the morale of its people and stabilized the economy.

Wheat production has increased by 25 per cent and, with the opening last year of the Tarbela Dam, development experts now talk of Pakistan's becoming an important exporter of grain. Even discounting inflation, the gross national product increased last year by 5 per cent.

Last winter, looking forward to what everybody then thought would be an easy electoral victory, Mr. Bhutto talked privately about initiatives that could grow out of the stronger mandate that he expected to be enjoying about now; the prospect, for example, that Pakistan could finally do something meaningful about birth control.

Instead, with the suddenness of the monsoon storms, which will soon be breaking over this parched land, the political climate of Pakistan has changed and the Bhutto government seems weaker and more threatened than ever before.



United Press International.

WINTER'S FLAMING DEATH—Zurich's Sechselauten Boogg (read that: spring festival snowman mannequin) goes up in smoke, signifying the end of winter.

Russia Faces Youth Shortage For Armed Services in 1980s

By Bernard Weinraub

WASHINGTON, April 20 (NYT).—The Soviet Army is facing a major problem familiar to U.S. armed forces: a looming drop in the number of youths of military age.

Military and civilian analysts say that the declining population of young people, which will accelerate in the 1980s, will have a sharp impact on the ethnic makeup of the Soviet Army, possibly alter the composition of the command structure, bring about a drop in the number of highly skilled technicians and provoke fundamental decisions about manpower priorities.

"The terms in population and manpower have crucial significance for Soviet economics and military policy in the future," said Murray Feshbach, chief of the Soviet Union-East Europe branch of the U.S. Department of Commerce's Bureau of Economic Analysis, and Stephen Rapawy, in a report to the Joint Economic Committee of Congress.

'Military Capabilities'

"All of the choices open to Soviet authorities have their costs," the authors said. "A reduction in the size of the combat forces would seem to imply some reduction in military capabilities. A continued increase in higher educational attainment would diminish the numbers available for military service."

In an interview, Mr. Feshbach said that housing shortages and "desire for current consumption" were among key reasons for the drop in fertility, mostly in the Slavic, industrialized portions of the Soviet Union.

"The decline of population growth is almost parallel to the United States," he said. "Their army is obviously going to turn more Asian, more southern. All things remaining equal—if they don't change the length of service and don't draft women—they won't be able to supply both the civilian economy and the armed forces at their current rate."

Several military specialists said that the declining manpower pool in the Soviet Union, which will drop to a low point in 1987, will stretch manpower needs "extraordinarily thin" and create internal pressures over whether to send young technicians and scientists into the army or industry.

Service Periods

Pressures have already begun to build, the specialists said. Last month, the Soviet Union prolonged the length of military time for youths who have completed higher education, extending service from one year to two years. The draft for 18-year-olds is three years in the navy and two years in the army and other services.

The total in Soviet military forces—a subject of controversy—is estimated in the report at 4.8 million. This includes paramilitary, construction, medical and railroad troops. U.S. troop strength is 2.07 million, according to the Pentagon.

The population of 18-year-old U.S. males will decline from 2.15 million last year to about 1.7 million in the late 1980s and to a low of about 1.6 million in the early 1990s, the Bureau of Census said.

Videla Confirms Finance Scandal Of Argentine Left

BUENOS AIRES, April 20 (Reuters).—President Jorge Videla confirmed today that a group of Argentine financiers handled millions of dollars for leftist guerrillas, investing it to aid armed subversion in the country.

Gen. Videla's statement was the first official comment on press allegations that the group headed by Argentine financier David Graiver invested $17 million amassed by Montoneros guerrillas through kidnappings and holdups to secure interest of $130,000 a month for the guerrillas.

Mr. Graiver was said to have been killed in an air crash in Mexico last year when his financial empire was crumbling.

The press reports prompted a scandal that threatens to embroil dozens of businessmen, former government officials and two former presidents.

Gen. Videla said that 6 of 17 persons arrested in connection with the scandal, including the financier's father, widow and brother, have been stripped of their civil rights by the ruling military junta.

Severe Pollution Found Outside Area of Seveso

SEVESO, Italy, April 20 (AP).—Severe dioxine pollution was reported a few miles south of the sealed-off area of Seveso, near the towns of Cesano Maderno and Desio, and authorities said that 19 factories in the zone would be closed for reclamation purposes.

Authorities reported that traces of dioxine in dangerous amounts were discovered south of the fenced and evacuated zone-A after checks of earth samples in Italian laboratories and double-checks in Switzerland.

The announcement caused additional tension in Seveso and in nearby towns, an area north of Milan struck by a poisonous cloud of chemicals leaked from the Swiss-owned Icmesa firm last July.

Pollution of dioxine, a highly toxic by-product in the processing of chlorinedibenzophenol, withered foliage, killed domestic animals and led to the evacuation of about 800 residents in an area of dozens of hectares especially affected by the chemical fallout.

It was not immediately clear whether pollution has spread since last July or if previous controls were inaccurate.

Swiss Will Join Club of London

BERN, April 20 (Reuters).—The Swiss government said today it would join the Club of London, a group a countries with nuclear equipment or know-how who seek to align their policies to prevent nuclear proliferation.

A statement issued after a Cabinet meeting here today said that the government made the decision "after examining the question thoroughly and consulting interested parties."

The Club of London has no fixed treaty and its members reserve the right to act unilaterally. Its members include the United States, the Soviet Union and about a dozen other countries.

...chard Brauer, ...gebra Expert, Dead at 76

...W YORK, April 20 (NYT). ...chard Dagobert Brauer, 76, ...ly regarded by mathemati... as one of the century's ...ng pioneers in the develop... of modern algebra, died on ...day after a short illness. His ...e was in Belmont, Mass.

...r almost 20 years he was on ...mathematics faculty of Har... University where, from ... to 1963, he headed the de... ...ment. He retired in 1971.

...of. Brauer, born in Berlin, ...rated to the United States ...1933.

... served both as president ... vice-president of the Amer... Mathematical Society and ...1949 won its Cole Prize for ...tanding contributions to al... ...a. He was presented the Na... ...al Medal of Science by for... President Richard Nixon ...1971.

...dan Elects Numeiri ... 2d 6-Year Term

...HARTOUM, Sudan, April 20 ...). — President Gaafar Nu... ...ri, 47, was re-elected today ... a second six-year term, ...ning 99.1 per cent of the ...e in a referendum that began ...April 3. He ran unopposed.

...he President, who won his ...t six-year term in 1971 in a ...erendum in which he also ran ...pposed, will be sworn in on ...y 24, the government an... ...nced. He came to power in a ...odless coup in May, 1969.

Controversial Carter Suggestion

Amnesty for Illegal Immigrants Said Part of U.S. Plan

By James P. Sterba

HOUSTON, April 20 (NYT).—Emphasizing human rights at home, the Carter administration is shaping new immigration policies that would include amnesty for hundreds of thousands, perhaps millions, of foreigners, most of them Mexicans, who are living in the United States illegally.

The amnesty plan is expected to be one of the more controversial parts of a package of immigration proposals that differ sharply from the policies of previous administrations. Officials involved in drafting the package said it would stress humane treatment of the illegal, or "undocumented," workers, a crackdown on employers who exploit them and efforts to insure that those suspected of entering the country illegally are afforded their full legal rights and due process of law.

"I cannot emphasize strongly enough that we have never considered closing off the border with Mexico or beginning mass roundups of suspected undocumented aliens," Labor Secretary Ray Marshall said at an immigration conference here Saturday. "That's not our style."

Mr. Marshall and Leonel Castillo, who has been nominated to head the Immigration and Naturalization Service, said, however, that there would have to be more efficient efforts to curtail the growing numbers of aliens entering the country illegally across the Mexican border.

"In the short run, better enforcement will have to be done, but you simply cannot seal the border," Mr. Castillo said in an interview. "In the long run, the United States cannot afford to wall itself off from the poor people of the world. It's not practical, it's not sensible and it's not going to happen. What you need is world economic development."

Both officials said that their biggest immediate problem was a lack of reliable figures on the numbers of illegal aliens in the country and on their economic impact. Estimates of the number now range from 2 million to 20 million.

The only hard figures available are on apprehensions and expulsions, which have grown fivefold in a decade. Ten years ago, immigration agents found and expelled about 152,000 illegal immigrants. By last year, that figure had risen to nearly 800,000.

With high unemployment rates and a sensitive economy, the Carter administration views immigration policy changes as a high priority.

'Studied Intensely'

"No issue, with the possible exception of energy, has been studied as long and as intensely in this administration as immigration," Mr. Marshall said. He said that the President's proposals, which will be announced in a few weeks, "are bound to be somewhat controversial."

The labor secretary said that efforts would be made to develop strategies for better enforcement, rather than "simply responding to complaints." He said: "We would try to proceed against the most important violators: in other words, we won't be fishing for minnows and let the whales get away"—a situation that he said had existed in the past.

Several administration officials here for the conference at the University of Houston said that details of the amnesty proposals had not been completed. But Mr. Marshall left little doubt that some broad form of amnesty would be announced. He said: "It would represent a personal tragedy if these people were to spend the rest of their lives living in terror of government harassment and mass deportation."

Mr. Marshall said that it was essential to determine whether illegal aliens were taking jobs away from U.S. citizens, thus causing unemployment, or whether they were doing jobs that U.S. workers would not take, and were thus promoting economic development. Arguments for each assertion have become shrill, while, as Mr. Castillo explained, facts are few and immigration officials are too overwhelmed with backlogs, paper work and complaints to get an accurate picture.

"There is certainly some displacement," Mr. Castillo said. But he added that he doubted that mass roundups would cure high unemployment rates.

"If you somehow miraculously rounded up several million illegal aliens, what would you have?" he said. "You'd have to find U.S. workers willing to take many menial, low-paying jobs. You'd have to relocate a lot of them. Would an unemployed ironworker in the East want to come and pick cabbages in Texas?"

Secretary Marshall emphasized that a crackdown was needed against employers who exploit undocumented workers. "I have long believed that we can never allow business to acquire any economic advantage by reducing labor standards," Mr. Marshall declared. "If we do that, we're back to the sweatshop. But that is exactly what happens in industries that hire large numbers of undocumented workers."

Laos Tells U.S. It Is Supervising Output of Opium

BANGKOK, April 20.—The government of Laos has received a special envoy of President Carter to talk about narcotics problems and the growing of opium in the "Golden Triangle" area—a subject that the Communist regime had never before discussed with outsiders.

Dr. Peter Bourne, a special presidential assistant for mental health and drug abuse problems, said later in an interview here that Laos's leaders "do not appear to have yet made up their minds whether to try to eradicate opium production or to continue cultivation for pharmaceutical purposes."

Dr. Bourne met for an hour in Vientiane with Dr. Kham Lieng Pholsena, the deputy minister for health. Dr. Pholsena invited Dr. Bourne to return to Laos for more discussions.

Dr. Bourne had been in Bangkok for a regional narcotics conference. His Laos visa was evidently granted without question.

He said Dr. Pholsena indicated that growing of opium by hill tribesmen was "now under government control, as everything is under government control."

© Los Angeles Times.

U.S. Plans to Sell 18 F-4s to Greece

WASHINGTON, April 20 (UPI).—The Defense Department formally notified Congress yesterday of the proposed sale of 18 F-4 Phantom jets worth $161 million to Greece in the largest arms sale disclosed since President Carter took office.

Pentagon officials said the sale, which includes spare parts and other support for the planes, was part of $2.2 billion in arms deals personally approved by Mr. Carter March 25.

A total of $5.32 billion in proposed sales was submitted to Mr. Carter for his review pending a decision on new sale policies, now expected within the next month or so. Pentagon officials said they expected more notifications for congressional review of sales approved by the President in the next few days.

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ART IN AMERICA

A Gallery That Reflects English Life

By Paul Richard

NEW HAVEN, Conn., April 20 (WP)—Paul Mellon, class of '29, has given Yale University one of the most beautiful art galleries ever built (though you might amble past its street-front shops, its anonymous facade, without noticing that it's there). He has filled it, floor to skylight, with the finest collection of British art ever privately assembled. The pictures on display endear, they do not overwhelm.

The Yale Center for British Art and British Studies, which opened to the public yesterday, is magnificently gentle. It perfectly reflects the highest accomplishment of England's civilization—which is certainly not painting, and perhaps not even poetry—but the art of living well.

England's pictures, perhaps not surprisingly, have long been disdained. They tend to be small, quirky, and domestic, English artists, both amateur and professional, portrayed horses more frequently than heroes. Spaniels outnumber saints in the pictures on display. If the art of Italy tends to turn our eyes toward God, if that of France is art about art, then England's art records the way that happiness has long been pursued in that green and pleasant land.

Though American robber barons spent fortunes on the English full-length portraits that they bought from Lord Duveen, most of England's artists are underrepresented in American museums. Though Yale is renowned as a center for British studies, its art department's slide collection contained no photographs of English paintings as late as 1949. The Yale Center for British Art shows Americans what they've missed

Mellon, 69, is president of the National Gallery of Art and the son of its founder, Andrew Mellon.

Paul Mellon has given—or has pledged—1,800 paintings, 7,000 drawings and 5,000 prints—120 Constables, 42 Hogarths, 35 works by Stubbs, 29 by Wright of Derby, 70 by Turner. Some of these are masterworks, and many are very beautiful. All are informative.

To walk among these pictures is to visit Georgian England. We see its theaters, taverns, its mountains and its lakes, parks, country houses, gentle folk, and low life, its spas and sports and ships and everywhere we see its people, sometimes misbehaving, often sitting stolidly in their gracious homes.

Because the center is also a research institution, its 60,000-item photographic archives and its extraordinary library of 16,000 rare and illustrated books are as important as its works of art as visual documents of pre-industrial British life.

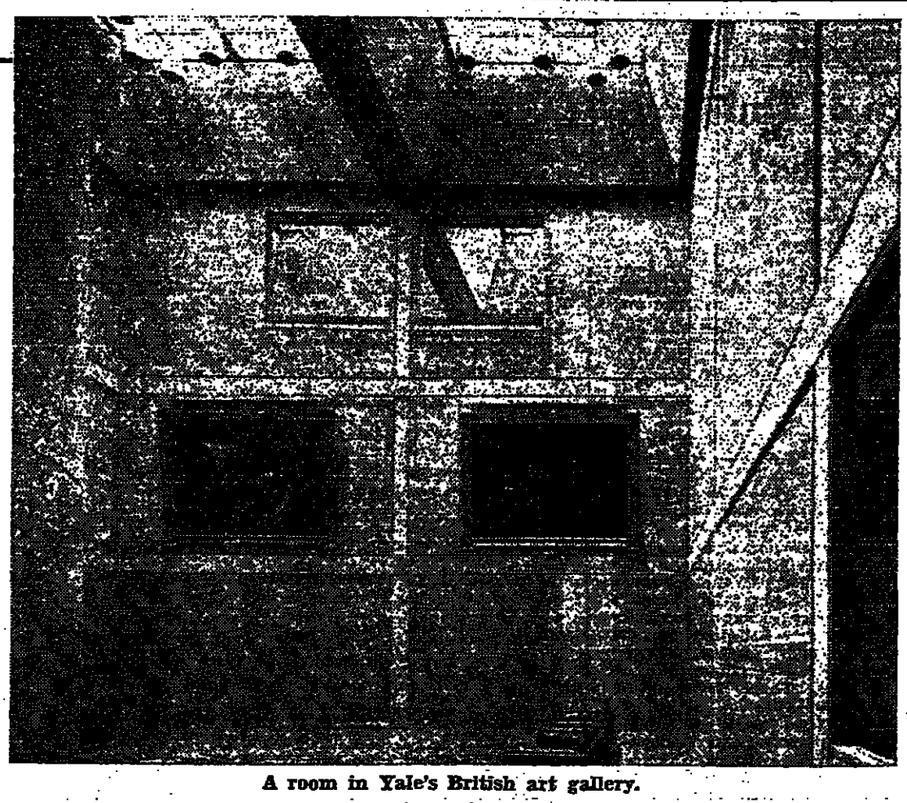
The collection tells us of the days when the middle class emerged, when the English—rich and poor—began admiring their landscapes.

Though it does include some Elizabethan portraits and some 20th-century drawings, the collection calls attention to the period that began with the birth of Hogarth in 1697 and closed with Turner's death in 1851.

The building was designed, though he did not live to see it, by the late Louis I. Kahn. It is a masterpiece of modern architecture, though its modernism brings to mind a gracious age long gone.

There are many self-important buildings on Yale's campus but Kahn's Center is as reticent and as gracious as some English country house. The carpeting is undyed wool, the paneling white oak, the wall surfaces undyed linen. The rooms have a domestic scale and all of them are bathed in light. No electricity is needed to see the works displayed. The center's roof is a grid of complicated skylights whose louvres, ultraviolet filters and diffusers admit an even silver light that falls softly on the pictures. The galleries surround a pair of interior courts that bring light to the lower floors. The building's interior balconies, and its large plate-glass windows, provide a never-ending series of vistas, prospects, views.

What is most amazing about this vast collection is that it was in large part assembled since 1961. Mellon was among the first collectors to realize the beauties of English art. Though it stands on busy Chapel Street—and includes a row of wine shops, cheese shops, book stores—the center and its contents suggest the country life, landscape and the sky. Britain's skies are always changing, and its artists have no equal when it comes to painting twilight, clouds and mists.



A room in Yale's British art gallery.

Tanzania Dog Search

DAR ES SALAAM, April 20 (UPI).—Health authorities, fighting a spreading rabies epidemic in which more than 50 persons have died, have ordered a house-to-house search for dogs, officials said.



Springtime harmonies are evoked by this hand-painted silk ensemble, the Poncho-Tube, sold exclusively at KNAP.

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'Roots' Award Special Pulitz Others Honor

NEW YORK, April 20 Alex Haley's controversia "Roots" won a special Prize after judges were un place it in a regular cate

The drama award w "The Shadow Box," which ed on Broadway March last day for eligibility f year's prizes. Actor and wright Michael Cristofer examines the lives of eig sons dealing with the im death of three of them.

In the field of jour Walter Mears of the As Press was awarded the p national reporting for his age of the 1976 presidenti paign. The AP's Neal shared the prize for spo photography with Stanle man of the Boston Herald ican. Mr. Ulevich was hon pictures taken in Bangkok a student uprising. Mr. F were from Boston. The (Tex.) News won the service award for a seri sparked a congressional gation of the death of a and the training practice corps.

George Will, of The W ton Post, won the prize f mentary.

WAVERLEY ROOT: *Kelp for Mouths and Other Us*

EVERYBODY knows that the Japanese are the world's greatest eaters of seaweed, notably kelp, but everybody does not know, presumably, that the United States harvests something like 170,000 tons of kelp a year, 90 per cent of it off the coast of California. It is probably a safe guess that the greater part of the kelp which gets into American mouths never goes on to the stomach; kelp is an important component of the substance used to take dental impressions.

Virtually all Americans have eaten kelp without knowing it. It provides jelly-like alginates, which go into ice cream, prepared desserts and salad dressings, sometimes as a substitute for Irish moss, often used in blancmange, or agar-agar, which gives us gelatine. Pacific Northwest Indians used to eat a good deal of kelp, a welcome food which was available all year around, and they also used its large median ribs as containers for seal or fish oil.

It is still in the Pacific Northwest that Americans eat kelp knowingly. Its hollow midriff ribs are peeled, cut into slices, and pickled in a sweet-and-sour liquid containing vinegar, sugar, and whatever spices the maker favors. The honey-colored rounds look rather like gelatinous miniature pineapple slices, and taste like watermelon rind preserves which have acquired a disconcerting though not unpleasant whiff of the sea. Alaska also makes relishes from kelp.

Tackling the Seaweed

One American who has tackled this seaweed is that indefatigable eater of wild foods, Euell Gibbons, who reports on his experiences with kelp in "Stalking the Blue-Eyed Scallop." He found the main fronds unpalatable, but "the thick midriff made a pleasant nibble, having a sweet taste." He treated the smaller lateral fronds much as Japanese kelp producers do and thought the result superior to the Japanese product. "Maybe I'm prejudiced," he wrote, but it is quite likely that he was not.

The kelp he used was *Alaria esculenta*, whose very name tags it as "edible seaweed." The kelp the Japanese use is *Macrocystis pyrifera*, the giant Pacific kelp, which may grow strands up to 100 feet long, though 20 to 30 is more usual. This is also the species harvested in California, the only kind which goes into American foods.

"Kelp" is a somewhat fuzzy term, which covers a considerable number of species, most of which belong to the genera Laminaria or Fucus; the simplest way to get them all together under one head is to describe them as the brown seaweeds (Irish moss and agar-agar are red). Even when not of the giant variety, kelps are the largest of seaweeds.

Of the six principal algae eaten in Japan, which account for 10 per cent of Japanese foodstuffs, kelp is apparently considered the best; at least it costs the most.

It is processed by a complicated series of operations including dryings, boilings and compressings, at the end of which it is known as *kombu*. *Kombu* may be brought in powdered form, for use as a seasoner, or in sheets. In the latter form it goes into *tsukudani*, dishes which combine fish and kelp; or is used to make instant soup *(dashi)*; or is cut up into small strips which are woven into little baskets no more than an inch high, deep-fried and filled with minute dices of cooked vegetables: you eat both the vegetables and their container. On the coast, kelp is sometimes eaten fresh, with ordinary salad dressing.

The Japanese go in for culinary punning: foods are often matched to the occasions on which they are eaten in function of their names. To Japanese, the word *kombu* evokes another word, *yorokobu*, which means "happiness." Hence *kombu* is considered a suitable food for ceremonial or celebratory meals. Kelp broth turns up at the collations served in connection with the elaborate tea ceremony; or a kelp dish will appear at New Year's; and kelp cannot be omitted from a marriage banquet, for *kombu* also means a pregnant woman, so its appearance at weddings expresses a wish both for marital happiness and for offspring. Japanese department stores sell gift-wrapped boxes of *kombu* of assorted kinds, suitable for presenting to one's hostess instead of the box of chocolates appropriate in the West.

In Europe

In Europe, kelp is gathered on the west coasts of Scotland and Ireland; in the latter country it is boiled lengthily until it has become reduced to a sort of thick green gruel destined to be served with mutton, boiled also. Brittany used to gather kelp, but today goes in to a greater extent for a red seaweed, known inaccurately as red lichen; but except when hidden in processed foods, kelp is in any case not eaten in France, which prefers to use it for fertilizer.

Nevertheless a growing demand for it for industrial uses caused a processor in 1971 to advertise for amateur kelp gatherers willing to pick up a little pocket money by gathering kelp during vacations in Brittany. The Bretons immediately pointed out that Louis XV had granted them a monopoly on harvesting seaweed on their coasts in 1681, a privilege which had been confirmed by the Fourth Republic. The processor desisted.

In recent years food faddists have been looking towards kelp as a healthy form of nourishment, an evolution which Euell Gibbons dates from the publication of Dr. D. C. Jarvis's "Vermont Folk Medicine," which recommended it, somewhat surprisingly, since very little kelp is found on the seacoasts of Vermont. Actually kelp does not seem to merit unlimited praise. True, it is a better source of potassium and iodine than almost any other vegetable food, and it offers considerable quantities of vitamins A and it contains little protein carbohydrates are of a t readily digestible by beings.

Marine biologists and ec are not particularly happ the boom in kelp as a food, for they fear over-c of the kelp beds in wi many useful fish and s have their habitat and fir food—the kelp bass, th crab, the kelp greenling an fish in general, a term covers a number of d species which live among seaweeds.

The ecologists also fear the harvesting of kelp m increased because of the tions which were being made by some scientists years ago concerning t sibility of developing vas tities of human food fr weed. Today they are n assured on this point; th concluded that seaweed likely to become a sig source of nutrition. S them have even been so as to insinuate that the baloo raised about the p importance of seaweed came from marine res seeking funds to continu work.

(c) 1977 by Waverley

DINING

Once Upon a Midnight's Cravin

By Naomi Barry

PARIS (IHT).—A public relations man and a banker walked out of a Champs-Elysées movie house late one night last year and decided what they really wanted to eat was a salad.

Their unsatisfied midnight craving fathered La Saladière, a winter garden of a restaurant which in five and a half months has grown into a favored luncheon rendezvous for figure-conscious young women. This kind of woman generally draws men in her wake, which may account for the increasing number of male munchers of rabbit food, although perhaps the latter have only their own waistlines in mind.

Nothing quite like La Saladière exists in the neighborhood. It has been adopted by the shop owners on the Rue la Boétie as their daily canteen, because heavy eating and afternoon work are poor companions. A more crassly commercial enterprise would have squeezed 200 seats into the premises. This management reluctantly settled for 170 (they would have preferred 160), but even this number still allows a sense of space and an easy traffic pattern.

The prices are as slim as the clientele, and it is a surprise to be treated to chairs and tables of high-quality bamboo, genre House & Garden, and table linens from the same charm school.

The soft-sell approach is the successful business style of proprietors Willy de Beaurepaire of the Rothschild banking interests and William Rouff, owner of the public relations firm W.R. Consells. Already the pair is looking around for a secon. Saladière either in Montparnasse or in the Palais Royal area, which has become the fief of the light-eating Japanese.

Director of Saladière I is Rouff's brother-in-law, James Aldabo, an exigent boss who demands of his waitresses courtesy and a smile and of his kitchen help a generous hand in dishing out the portions. Thus, the grapefruit cocktail is not only fresh but more ample than most grapefruit lovers can consume. If there is any criticism, it is that the copious salads should be served in bowls more comfortably large.

The menu is structured on 17 salads. Another section features omelets and scrambled eggs, all with interesting garnishes. There are eight meat dishes which appeal mainly to the masculine midday regulars and the dinner crowd. The three most popular salads are the Grecque (avocado, rice, palm heart, fennel, bell pepper, cucumber and olives); the chicken livers with curly lettuce; the Tabbouleh (a Lebanese combination of semolina, tomato, cucumber, garlic, chives and fresh mint leaves).

Salads range in price from a 7-franc endive, beet and walnut to the 25-franc Norvégienne, which is a toss of endive, cold boiled potatoes, a suggestion of smoked salmon and a sizable amount of king crabmeat. An intriguing composition of Oriental inspiration consists of bean sprouts, ham, chicken, dried mushrooms and bamboo shoots. The omelets and scrambled-egg dishes are as varied as the salads. Provençal has a ratatouille filling. Peasant features mushrooms and bacon cubes. Other omelet possibilities are sorrel, salmon, asparagus tip, wild mushroom and black truffle. The menu offers two cheeses, a small selection of desserts and some good ice creams and sherbets.

La Saladière makes no pretense of being a gastronomic pinnacle but the simple food in relaxed surroundings makes it a pleasant solution for everyday eating in the Champs-Elysées district.

La Saladière, 77 Rue La Boétie, Paris. Tel.: 723.56.18. 2:30 p.m. and 7-11 p.m. noon tea with cakes and served between lunch and Closed Sundays. Averag for a three-course meal ing service, approxima francs.

* * *

While searching for go at gentle prices, we came O Mustafa, a tiny tra from Istanbul. The d authentic in its nonexiste looks like a clean, empt which has been set wit tables and some 30 chair is traditional, for there is dressed up about most taverns that line the Bo yet they offer some of t eating in the world.

The food prepared by M is the real thing and mostly Turks hungrily n for shish kebab, pilaf, b creamy yoghurt, *güvec* (c thenware casserole of me vegetables), a glass of raki.

Try the *lahmacun*, a f Eastern Mediterranean piz spices evoking the Orient is virtually a national Turkey and adored by Mustafa will make them take out. (Reheat in th when you get home.) francs apiece, they are th gest bargain in Paris sir *crêpes bretonnes* hit les Boulevards.

There are exceptional kebabs—peppery little size balls of steak tartare Turks pop into their with the avidity of peanu

A full meal at O M averages 25 to 35 francs. atmosphere is genuine an the friendly welcome.

O Mustafa, 78 Rue Rem langer, Paris 10. No tel Open for lunch and Closed Tuesdays, when th restaurant often is take for private parties. T music can then be ar Mustafa also caters his spe for parties at home.

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FINANCE

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PARIS, THURSDAY, APRIL 21, 1977

ASF Profit se 61.8% uring Year

n Raises Dividend; mah Oil Cuts Loss

OWIGSHAFEN, West Ger- April 20 (AP-DJ).—Group ofits at BASF AG rose by er cent last year to 607 mil- eutsche marks from 375 mil- DM in 1975, the chemical ny reported today.

supervisory board is recom- ng a dividend of 8.50 DM, m 7 DM in 1975.

up sales last year rose to billion DM from 18.08 bil- DM.

F is the first of the three erman chemical companies ide upon a dividend hike. ree have indicated sharply ed earnings for 1976, and st and Bayer are both ex- to announce dividend in-

Burmah Oil Cuts Loss

DON, April 20 (AP-DJ).— h Oil Co. posted a loss of illion last year, a sharp on from the loss of £23.5 in 1975.

nouncing this today, the com- said turnover fell to £846.1 from £914.8 million.

iah's post-tax results are extraordinary credits of nillion in 1976 compared 13.6 million in 1975.

ng into account these extra- y credits as well as minor- rests, Burmah actually had rofit for last year of £23.87

In 1975 there was a net ter minority interests and dinary gains of £10.4 mil-

results were considerably than most analysts' predic- and Burmah shares on the a Stock Exchange rose to ice, up 5 pence from yes-

Inco Net Rises

ONTO, April 20 (Reuters). Ltd. reported today first- r net profit of $Can. 41 mil- up from $Can. 23 million in me period of 1975, on sales an. 450.9 million, up from 433.7 million.

o said the higher earnings ales are primarily attribut- to currency conversion ad- cents.

h adjustments resulted in it of $Can. 16.4 million, due y to the decline in value of anadian dollar relative to U.S. dollar.

...Wage Index d to Increase y 0.1 Per Cent

DON, April 20 (AP-DJ).— 's index of average earn- se only 0.1 per cent last the Department of Em- nt said today.

ver, the index is up 5.9 nt since the beginning of ond phase of pay control. started last Aug. 1, and ment officials are now said ect that earnings will rise h as 10 per cent during wo, rather than the 7 per iginally forecast.

February average earnings was 278.5, compared with a January index of 278.1. nuary index had originally eported as 277.5, but was due to "re-weighting" of dex which is based on Jan- 70 equalling 100.

index is up 11.4 per cent ebruary 1976.

nwhile, the Scottish con- of the Trades Union Con- narrowly defeated today a proposed by coal miner es opposing a third year controls.

vote was 987 for the mo- posing pay controls and gainst.

FINANCIAL NEWS AND NOTES

Nippon Electric Net Seen Rising 68%

Nippon Electric Co. (NEC) expects net profit in the year ended March 31 rose 68 per cent to 7.8 billion yen (about $28 million), up from 4.64 billion yen in the year ended March 1976. Sales are estimated to have risen to about 500 billion yen from 427.4 billion yen in the previous fiscal year. Final results for the March year will be announced in May. NEC also says it has established a computer system sales subsidiary in the United States. The company has never exported to the United States however and now aims to obtain about a 3-per-cent market share there.

Carrington Viyella Placing Shares

Carrington Viyella plans to raise about £10 million through the placing of 40 million ordinary shares among institutional investors at a price of 25.5 pence a share. Imperial Chemical Industries has held a 63.4-per-cent interest in the textile manufacturer. Following the share placing, ICI's holding in Carrington will drop to 49.4 per cent. While ICI plans to reduce its holding in Carrington even further, the chemicals firm says it does not intend at present to dispose of any of its existing Carrington holdings. In 1970, ICI undertook to the U.K. government to exercise no more votes than it would if its shareholding were 35 per cent. The increase in Carrington's equity base is aimed at reducing its reliance on short-and-medium-term borrowings and to provide permanent funds for additional capital investment.

Unilever Sees 'Satisfactory' Gain

The Anglo-Dutch Unilever group expects to make "satisfactory" progress in the current calendar year but it will be less spectacular than in 1976. David Orr, chairman of Unilever Ltd., says that "from the first quarter of 1977 onwards, we will be comparing our results with very successful (year earlier) quarters, particularly in the first half of 1976, so we cannot hope for the spectacular comparisons we were looking at during the past year." While declining to make a specific profits forecast, he adds that "we expect our businesses to grow at least as fast as gross national product, and we expect the economies of the countries we work in to grow at a real rate of 3 1/2 per cent this year." Overall productivity rose 8 per cent last year and in Britain it improved about 13 per cent, he notes.

Study Sets Level at $21.5 Billion

U.S. Banks Are Deep in Real-Estate Loans

NEW YORK, April 20 (AP-DJ).—The real estate recession that began in 1974 may have reached its low point in 1976, as far as banks and their troubled real estate investment trust loans are concerned. But bank involvement with real estate loans goes far deeper than the REITs, and the banks may be reluctant owners of foreclosed properties for some time.

The full impact is just beginning to emerge from greater disclosures in bank holding company annual reports for 1976. "The reports make clear that banks are locked in an unwilling embrace with the troubled real estate industry that will take many years to unpart," says Kenneth Campbell, head of Audit Investment Research Inc., an advisory firm.

Mr. Campbell compiled real estate loan data, some of it unavailable in the past, on 19 of the biggest bank holding companies. Together, they had $21.54 billion of such loans outstanding in 1976, including $5.13 billion to REITs. Here are some of his findings:

- The banks hold nearly $1.2 billion of foreclosed real estate. Mr. Campbell believes a further buildup is in store.
- Of the $21.54 billion of real estate loans, $9.1 billion were nonperforming—either not accruing interest or accruing it at reduced rates. This amount included $3.7 billion of REIT loans, $4.2 billion of direct real estate investments and the $1.2 billion of foreclosed properties.
- Nearly 73 per cent of the total REIT loans were nonperforming in 1976, up from 56 percent in 1975. Overall, 42 per cent of the total real estate involvement of the banks was in nonperforming loans.
- The banks wrote off $725 million in real estate losses last year, $348 million in REIT loans and $377 million of other mortgages. The $725 million represented 45 per cent of the $1.6 billion charged off in all loan losses by the banks in 1976. The charge-offs were about double those in 1975, but most banks built up substantial reserves last year in anticipation. "The banks appear to be expecting another $750 million to $1 billion in realty charge-offs," says Mr. Campbell.
- Nonperforming real estate loans were 3.9 times as large as the $2.3 billion of accumulated loss reserves in the 19 banks and equal to about half the shareholders' equity, in the aggregate. Among individual holding companies, nonperforming real estate loans represented as much as 7.7 times the loss reserve at Bankers Trust and 1.2 times that company's shareholder equity, Mr. Campbell says.

With it all, the banks made their largest reduction in REIT loans last year since 1974, cutting their holdings nearly $1.5 billion, or 22 per cent. This was done by writing off $348 million, accepting $488 million of assets from the REITs in swap arrangements and taking in $635 million in REIT loan repayments. In contrast, REIT loans were reduced only $631 million in 1975.

The data confirm pretty much what close observers have suspected, "that bank exposure to the real estate collapse is much more pervasive than the industry's loans to REITs," says Mr. Campbell. "For example, construction lending by the 19 banks is larger than their loans to REITs." Non-REIT construction loans totaled nearly $5.8 billion at year-end.

"A significant amount of the $1.2 billion of foreclosed property was acquired in asset swaps with the troubled REITs," says Mr. Campbell. "In effect, this transfers the sales and management burden of these properties from REITs to banks."

About three-fourths of the asset swaps were done by six banks: Citibank, $115 million; Continental Illinois, $71 million; Chase Manhattan, $53 million, Chemical Bank, $48 million; Manufacturers Hanover, $47 million and Bankers Trust, $36 million.

Mr. Campbell believes the annual writing off of real estate loan losses may have reached a peak in 1976 and could ease over the next several years. "In the total scheme of things, it isn't a huge number and, if 1976 was a peak, the banking system has weathered the worst of the storm," he says. "Banks appear quite capable of overcoming their real estate problems but there are wide variations among individual bank holding companies."

By Mr. Campbell's calculations, bank companies holding the largest amounts of foreclosed properties at year-end included Chase Manhattan, $280 million, Citibank, $175 million; Bankers Trust, $118 million; First Chicago Corp., $96 million, and Manufacturers Hanover, 91 million.

Known or estimated nonperforming loans represented the largest percentage of total real estate loans at Bankers Trust, 67 per cent; J.P. Morgan & Co., 61 per cent; Northwest Bancorp. 77 per cent; Citibank, 54 per cent; Chemical, 53 per cent; First Chicago, 53 per cent, and First National of Boston, 53 per cent, according to Mr. Campbell's analysis.

Japan Firms' Capital Outlays Seen Declining 0.3 Per Cent

TOKYO, April 20 (AP-DJ).—Capital spending by Japanese companies this year is expected to decline 0.3 per cent when adjusted for inflation, the Ministry of International Trade and Industry said today.

Without the inflation adjustment, the spending is expected to rise by only 5 per cent in the fiscal year that began April 1, down from an estimated rise of 8.9 per cent last year, the ministry said.

A survey taken in February showed that about 1,200 companies polled plan about 6.86 trillion yen ($25 billion) in plant and equipment investment, compared with 6.54 trillion yen estimated for fiscal 1976. The companies account for approximately 27 per cent of all private capital spending.

Analysts said that even the recent cuts in the discount rate will have little impact on capital spending plans, though the survey was taken before the first drop last March 12 from 6.5 to 6 per cent and this week's cut to 5 per cent.

Index Declines

Meanwhile, the government's Economic Planning Agency said today its economic trends indicator hit the lowest point in four months in February, foreshadowing some slowdown in economic expansion.

The EPA's diffusion index hit the 50-per-cent mark, a preliminary report said, the borderline between economic expansion and recession, in February, down from 72 per cent in January and 64 per cent in December.

The index, made up of 10 indicators, is at its lowest point since 43.8 per cent in October.

On the currency market the dollar for overnight delivery soared more than 1 yen in the last half hour of heavy trading to close at 277.775 yen, compared with 276.375 yen at the close yesterday.

The Bank of Japan is estimated to have sold a total of about $50 million to $60 million at the 277-yen level and again at the pre-close high of 277.90 yen, traders said.

Volume jumped to $306 million in spot transactions and combined forward and swap trade came to $289 million.

France's Deficit In Trade Drops In Latest Month

PARIS, April 20 (IHT).—France's trade deficit narrowed last month to 1.24 billion francs ($bout $250 million) after adjustment for seasonal variations, the Foreign Trade Ministry reported today.

On an unadjusted basis, the deficit widened sharply to 2.25 billion francs from the 1.57-billion deficit of February.

Trade Minister André Rossi said the seasonally-adjusted deficit was the lowest since last June. He said that the cost of coffee and cocoa imports—whose prices have multiplied six times in the space of two years—totaled 700 million francs in March, accounting for 60 per cent of the overall deficit.

The seasonally adjusted deficit compared with a February shortfall of 1.52 billion francs and a deficit of 857 million in the year-ago month.

For the first three months of the year, the seasonally-adjusted deficit totaled 5.14 billion francs, up from 2.02 billion a year ago.

On an unadjusted basis, the first-quarter deficit rose to 6.82 billion francs from the 3.64 billion francs of the year-ago quarter.

GNP Growth Boosts Prices On Big Board

Trading Is Active Despite Carter Doubts

NEW YORK, April 20 (AP-DJ).—Prices were mostly higher on brisk turnover at the close on the New York Stock Exchange today, but the market showed some nervousness prior to President Carter's energy message to Congress tonight.

The Dow Jones industrial average was ahead 3.82 points to 942.59. It was up 4.07 at 2 o'clock and 6.36 at 3:30 p.m.

Gainers outnumbered losers 880 to 525, while volume totaled 25.09 million shares, up from 19.51 million yesterday.

Analysts said the market's general gain came in response to favorable economic news. As the market opened, the government reported that the gross national product gained in the first quarter. Also in recent economic news, both personal income and housing starts gained strongly last month.

Among the companies reporting higher earnings today, Gerber Products jumped 5 1/2 to 33 3/4. The company turned down a cash tender offer by Anderson Clayton.

Xerox rose 1 1/8 to 46 3/8 after reporting improved first quarter profits. The company also said it is making "steady progress toward another record year" in 1977.

Other gains included Johns-Manville, up 1 1/8 at 35 3/4, Pittsburgh Forgings 1 3/4 to 25 7/8 and Boeing 1 1/2 to 46 3/8.

Heublein was off 1 3/4 at 24 5/8. It reported lower third quarter profits and expects a lower fourth quarter.

Bausch & Lomb was down 4 5/8 at 34 5/8. The company reported first-quarter net of 77 cents a share against 71 cents a year earlier. Some analysts had looked for a substantially stronger gain. The company expects lower 1977 earnings.

Prices closed higher on the American Stock Exchange. The Amex index rose 0.80 point to 113.20.

GNP Grows at 5.2% Rate in U.S.

From Wire Dispatches

WASHINGTON, April 20.—The U.S. gross national product increased at an annual rate of 5.2 per cent in the first quarter of 1977, the largest gain in a year, the government announced today.

The GNP, which is the value of the goods and services produced in the country, might have been bigger still except for the severe winter weather, the Commerce Department's bureau of economic analysis said.

"The extremely cold weather in January and February reduced the increase in real output and final sales and boosted prices in the first quarter. The extremely cold weather probably reduced the increase in real output by 1.5 percentage points at an annual rate," the bureau said.

Inflation, meanwhile, increased by 5.8 per cent, the same increase shown in the fourth quarter.

The first-quarter GNP increase was the highest since a rise of 9.2 per cent registered in the first quarter of 1976. The rise in the fourth quarter of last year was 2.6 per cent.

Measured in terms that excluded inflation, the GNP was running at a seasonally adjusted annual rate of $1.297 trillion in the first quarter, up 5.2 per cent from $1.28 trillion in the fourth quarter of last year.

Including inflation, the GNP grew by 11.3 per cent in the first quarter compared with 8.5 per cent in the fourth quarter, rising in dollar terms to $1.79 trillion from $1.75 trillion.

Consumer spending increased in the first quarter, and was up $34.8 billion over the fourth quarter compared with a $33.5-billion increase between the third and fourth quarters of 1976.

Spending on motor vehicles showed a more than tenfold increase over the increase recorded in the fourth quarter. Such spending rose $1 billion in the fourth quarter and an additional $10.5 billion in the first three months of 1977.

Purchases of durable goods was at $173.4 billion, up $11.4 billion following the $4.4-billion increase during the previous quarter.

The purchase of nondurable goods increased by $7.7 billion, down from the rise of $14.2 billion in the previous three months. The bureau said the slowdown was mainly in clothing and gasoline, following very large increases for these categories in the fourth quarter of 1976.

Inventory Spending

The Commerce Department said inventory investment increased by $5.8 billion following the $7.5-billion rise in the fourth quarter. Business fixed investment rose $7.5 billion in the first quarter compared with $2.6 billion the previous quarter.

Net exports of goods and services declined $9.1 billion in the first quarter following a $500-million fourth-quarter decline.

Personal savings dropped to an annual rate of $61.6 billion from $67.3 billion and personal savings as a per cent of disposable personal income fell to 5 per cent in the first quarter from 5.6 per cent in the fourth quarter of 1976.

Gain Is Biggest Since Early '76

Carter Drops Pleas for World Stimulation

By Hobart Rowen

WASHINGTON, April 20 (WP).—Roy Jenkins, president of the EEC Commission, indicated after meeting here yesterday with President Carter that U.S. proposals for extra measures to stimulate the world economy have quietly been laid aside.

This was confirmed by Assistant Treasury Secretary for International Affairs C. Fred Bergsten. "They (other countries) know where we stand on these issues, so we're not going to be making speeches beating the issues to death," he said.

Mr. Jenkins is here on his first official visit to discuss U.S.-European relations, and issues that will come up in the London economic summit, May 7 and 8. He met also with Vice-President Walter Mondale, Secretary of State Cyrus Vance, and Treasury Secretary W. Michael Blumenthal.

He told a press conference that instead of worldwide economic expansion, the issue that might dominate the summit is discussion of ways to deal with North-South (rich nation-poor nation) problems.

President Carter had sent Mr. Mondale on a round-the-world mission immediately following their election. On that trip he urged West Germany and Japan to follow the U.S. lead in what is called "reflation"—extra stimulus to reduce unemployment.

The basic idea was that the major three industrial powers, by expanding their home economies, could absorb more imports from less affluent nations, thus leading the way to a more vigorous worldwide recovery.

But West German Chancellor Helmut Schmidt flatly refused to make more than minor changes in the German economic program, stressing the time-honored German fear of inflation.

And last week, to the great surprise of the British, French and Italian governments, who hoped for greater expansion among the Big Three, President Carter cut the proposed $31.6-billion U.S. stimulus package to $16.9 billion, of which only $3.5 billion will be spent this fiscal year.

In the understated phrasing of the practiced European diplomat, Mr. Jenkins said that "the prospects of getting reflation from one or two stronger countries has somewhat receded."

He said it is important for the major countries "to stick to their growth targets," but a push for faster growth would now be counter-productive, and probably "any marginal increase" would not be all that significant, anyway.

Mr. Bergsten said that the United States was still in a good "moral" position to urge others at the summit to accept their international "responsibilities."

Mr. Jenkins said he came away from his meetings optimistic about U.S.-EEC relationships. He also said that there had been a distinct departure from the Ford administration's opposition in principle to a common fund to stabilize commodity prices or earnings, as demanded by poor nations. Now, he said, the United States is "open-minded" to proposals that "are not built on air, but relate to specific commodities."

Company Reports

American Airlines

Quarter	1977	1976
ie	499.80	440.30
.....	1.40	—*8.30
are	0.04	

Babcock and Wilcox

Quarter	1977	1976
ie	432.20	423.80
.....	14.30	16.90
are	1.23	1.40

Boise Cascade

Quarter	1977	1976
ie	521.20	399.90
.....	24.10	16.90
are	0.82	0.57

Borden*

Quarter	1977	1976
ie	823.00	833.30
.....	26.40	22.87
are	0.85	0.74

to raise quarterly dividend to 1¢ from 25 cents a share.

Braniff

Quarter	1977	1976
ie	181.90	160.60
.....	6.60	2.60
are	0.33	0.13

Castle and Cooke

Quarter	1977	1976
ie	198.70	172.50
.....	8.50	8.10
are	0.45	0.43

Commonwealth Edison

Quarter	1977	1976
ie	512.60	457.50
.....	48.20	39.00
are	0.76	0.68

Consolidated Freightways

First Quarter	1977	1976
Revenue	243.10	187.70
Profits	8.20	7.30
Per Share	0.66	0.61

Ethyl

First Quarter	1977	1976
Revenue	294.10	255.40
Profits	17.60	15.10
Per Share	1.68	1.35

General Telephone & Electronics

First Quarter	1977	1976
Revenue	1,700.00	1,560.00
Profits	125.35	80.94
Per Share	0.95	0.64

INA

First Quarter	1977	1976
Revenue	811.00	664.00
Profits	29.20	17.80
Per Share	1.25	0.78

Johns Manville

First Quarter	1977	1976
Revenue	307.10	288.30
Profits	22.00	13.30
Per Share	1.03	0.70

Nabisco

First Quarter	1977	1976
Revenue	502.90	432.80
Profits	18.40	16.60
Per Share	1.15	1.04

Northrop

First Quarter	1977	1976
Revenue	372.20	287.60
Profits	14.90	8.60
Per Share	2.21	1.45
Share diluted	2.18	1.30

Roadway Express

First Quarter	1977	1976
Revenue	161.50	136.20
Profits	7.60	9.70
Per Share	0.37	0.48

Rohm & Haas

First Quarter	1977	1976
Revenue	279.50	254.60
Profits	11.20	12.10
Per Share	0.87	0.95

Scott Paper

First Quarter	1977	1976
Revenue	360.10	314.20
Profits	13.80	17.04
Per Share	0.36	0.49

Signal Cos.

First Quarter	1977	1976
Revenue	717.00	553.10
Profits	17.20	9.20
Per Share	0.86	0.42

St. Regis Paper

First Quarter	1977	1976
Revenue	428.70	400.70
Profits	15.70	21.50
Per Share	0.64	0.92

Studebaker Worthington

First Quarter	1977	1976
Revenue	219.50	290.70
Profits	15.60	8.36
Per Share	2.43	1.47

Southland

First Quarter	1977	1976
Revenue	536.80	465.50
Profits	6.20	5.50
Per Share	0.33	0.29

Gold Options: What and Why?

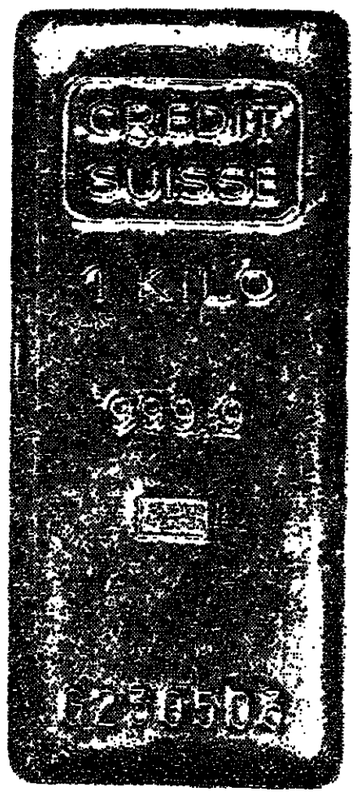
Unlike gold futures, gold options represent the right, not the obligation, to buy. Options also differ from futures in that, as a buyer, you precisely know the total risk beforehand: it is the price you pay for the option.

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NYSE Nationwide Trading (2 O'clock) April 20

— 1977 — High	Low	Stocks and Div in $	P/E	Sls. 100s.	High	Low	2 p.m. Quot.	Chge Prev. Close	
37½	32⅝	ACF Ind	1.80	e	54	36⅛	36⅛	36⅛+	⅛
23¼	19¾	AMF	1.24	10	100	20⅝	20½	20½—	⅛
15⅝	13½	APL Cp	.7	5	11	13¾	13¾	13¾	
50¾	38⅝	APASv	1.32	10	35	41½	40¾	41 —	¼
23⅝	7¼	ASALtd	.80		103	19½	19⅛	19⅛—	
10¾	9⅜	ATOInc	.48	6	13	10	10	10 +	⅛
49⅜	42¼	AbbtLab	1	13	128	43⅝	42⅝	43 +	⅛
13.4	9½	AcmeCly	.50	22	9	11¾	11⅝	11⅝	
3½	3¼	AdmDg	.04	5	6	3⅞	3⅞	3⅞	
13⅜	11⅛	AdmEx	1.15e		17	12½	12⅜	12⅜	
5	3⅜	AdmMil	.05e	8	6	4⅛	4⅛	4⅛	
14½	10⅞	Addrssg	.10e	17	51	11	10⅝	10⅝	
35¾	28¾	AetnaLf	1.20	8	520	32⅝	32⅛	32⅛+	1
14⅞	10⅞	Aquitre			2	13⅝	13⅝	13⅝	
20	15⅛	Ahmans	.40	6	25	19⅛	18⅞	18⅞—	⅛
3⅞	3	Aileen		50	14	3⅛	3	3	
30⅛	25	AirProd	.20b	11	199	26¼	26	26⅛+	⅛
15½	10⅞	AirbnFrt	.60	11	5	13⅞	13¾	13¾—	⅛
32¾	28⅛	Airco	1.15	7	96	31⅜	31⅛	31⅜+	¼
19⅜	16	Akzona	1.20	79	38	18¼	18	18⅛+	⅛
18⅝	14⅜	AlaGas	1.28	8	8	15⅝	15½	15⅝+	⅛
116	110	AlaP pf	11		el010	114½	114½	114½+	½
106	93	AlaP pf	9.44		220	102⅝	102⅝	102⅝+	⅛
93⅝	89½	AlaP pf	8.28		2260	91	90½	90½+	⅛
21½	15	AlaskIn	.66	7	123	17¾	16⅝	17 —	⅛
20	17¼	Albanyin	.72	7	9	18	17¾	18 +	⅛
8⅛	6	AlbertoC	.36	15	14	6½	6⅝	6⅝	
25¾	19⅜	Albertsn	.80	9	64	22¼	22	22 —	⅛
28⅝	23⅛	AlcanAlu	.80	24	74	27⅜	27⅛	27⅛—	⅛
23⅜	18⅛	AlcoStd	.96	7	21	22½	22	22½+	⅛
23½	18⅝	AlconLab	.32	14	223	18⅞	18⅝	18⅝—	⅛
8⅜	5⅞	Alexdrs	.30e	6	7	6	6	6 —	
14	11⅛	AllegCp	.60a	6	15	13⅛	13	13 —	
25⅛	21½	AlgLud	1.28	8	18	24⅝	23⅞	23⅞—	⅛
43⅝	36¾	AlgLud pf	3		5	42	42	42 —	
22⅝	20⅜	AlgPw	1.68	8	670	20¾	20⅝	20⅝—	⅛
14⅝	13	AlgnGrp	.70	7	12	14⅛	14⅛	14⅛+	⅛
47⅜	38¼	AlldCh	1.80	11	155	45¼	44⅝	45¼+	⅜
14⅝	12¼	AlldMnt	.64	8	2	13½	13¾	13¾+	⅛
12½	10	AlldProd	.45e	21	2	10½	10½	10½—	
22	21	AlldStr	1	7	133	21⅝	21½	21½—	⅛
3½	2¾	AlldSup			10	3	3	3	
30⅝	22½	AllisChal	.90	7	839	31⅝	31	31⅜+	⅛
9½	8⅝	AllrlAut	.60	8		9	9	9	
19	15	AlphPrt	.72	5	10	18⅝	18⅝	18⅝—	⅛
59⅜	50⅛	Alcoa	1.40	14	159	58⅞	58⅝	58⅝—	⅛
36½	32⅛	AmlSug	3	8	7	35⅜	35⅛	35⅜+	⅛
52⅛	46⅞	AmaCorp	1.75	12	172	50¾	50½	50¾+	⅛
50¾	48⅛	Amax pf	3		21	54	53¾	54 +	⅛
29⅝	21⅛	AMBAC	1	10	123	29⅛	28	29¼+	⅛
27½	23¾	Amrc pf	2.69		1	26½	26½	26½—	⅛
36½	29½	AHess	.60	8	274	31⅝	30¾	31⅜—	⅛
69⅛	66½	AHes pf	3.50		36	71⅞	70½	70½—	⅛
23	18⅛	AAirFlt	.56	11	189	23¾	22¾	23¾+	⅛
14⅜	10	AmAir		6	110	11⅜	11⅛	11⅜	
3⅛	2¾	AmAir wt			227	3⅛	3⅛	3⅛	
22⅜	21⅜	AmAir pf	2.18		98	21⅝	21⅝	21¾+	⅛
13⅜	10⅝	Amcord	.60	9	69	12¾	12⅝	12⅝—	⅛
15	13⅛	AmBaker	1	5	6	13⅜	13⅜	13⅜—	⅛
45⅞	43	ABrnds	2.92	10	53	45⅝	45⅝	45⅝	
26	23½	ABrnd	pf1.70			24⅝	24⅝	24⅝	
49⅜	37	ABdcst	1	11	209	45⅞	44⅝	44⅝—	⅛
41⅜	38¼	AmCan	2.40	8	39	40	39½	39½+	⅛
24	22½	ACan pf	1.75		4	23	23	23	
18⅞	16	AmCred	1.16	5	10	18	17⅞	17⅞+	⅛
29¾	25⅛	ACyan	1.50	11	234	27⅜	27⅛	27⅜+	⅛
13⅜	9⅝	AmDist		11	13	9¾	9½	9¾+	⅜
27⅞	23¼	ADistTel	.84	11	19	25½	25½	25½	
8	6⅞	ADualVt			1	7¼	7¼	7¼—	⅛
25¾	23⅜	AEPwr	2.06	9	257	24⅞	24½	24½+	⅛
15¼	12⅝	AFamily	.40	7	35	13¾	13½	13½	
3¾	2⅞	AmFnSys		8	16	3⅜	3	3 —	
12¾	10¾	AmFnSy pf			2100	11⅜	11⅜	11⅜—	
25⅛	23½	AGIBd	1.96e		43	24¼	24	24	
19	17	AGenCv	1.32		6	17⅞	17⅝	17⅝—	⅛
21¾	17¾	AGenIns	.68	6	31	19½	19	19½+	⅛
30	25⅝	AGnIn pf	1.80		1	27	27	27	
23⅜	17	AmHosp	1	6	210	21¾	21	21⅜+	⅛
22½	17⅛	AmHom	1.10	17	504	20⅛	20⅛	20⅛	
27	25⅛	AmHosp	.56	25	59	25½	25	25½	
5⅞	4½	AmInvst	.20	9	21	5¼	5⅛	5⅛+	⅛
14⅜	10⅝	A Medicl	.24	8	49	13¼	13	13¼+	⅛
10⅞	8	AMedcp	.10	5	90	9¾	9¾	9¾+	⅛
5¼	4	AmMotrs		7	705	5	4⅞	5	
46	40⅞	AMstR	2.80	8	43	42½	41⅞	41⅞—	⅜
12⅞	9⅞	AmSeat	.40	12	2	11⅜	11⅜	11⅜—	⅛
16⅜	10¾	AShip	.40	8	16	14½	14	14 —	
31⅞	25⅜	AmStnd	1.50	6	107	31½	31⅛	31½+	⅛
85¼	72¾	A Std pf	4.75		39	88¼	88	88¼+	¼
10	6¾	AmSteril	.30	17	1023	10¾	9¾	10 +	⅛

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34¾	30¼	AmStrs	1.90	5	21	30⅞	30⅞+	⅛	
65⅞	61¾	ATT	4.20	10	809	63	62⅝	63 +	⅛
68¾	65⅛	ATT pf	4		38	66	65⅝	66 +	⅛
50⅛	49⅝	ATT pf	3.64		20	49⅞	49⅞	49⅞—	
51⅝	49¼	ATT pf	3.74		127	50⅛	50⅛	50⅛	
13½	11⅞	AWatWk	.76	6	10	13⅛	13	13 —	⅛
14⅝	13¾	AWat pf	1.25		z100	14½	14½	14½+	⅛
16	14⅛	AWtr Spfl	.25		z100	16	16	16 +	⅛
19⅝	19½	AmesD	.50	4	25	19⅞	19⅞	19⅞+	⅛
31	27	Ametek	1.40	11	199	31⅞	31⅝	31⅞+	⅛
17¼	14⅜	Amtac	1	9	90	16⅜	16⅛	16¾	
13⅜	12¾	AMIC	.06	6	15	14⅜	14½	14½	
28⅛	24¼	AMPInc	.48	19	351	25⅞	26⅜	26⅜	
12½	10⅞	Ampco	.60	11	24	13½	12⅝	13⅜+	⅜
9⅜	7¾	AmpexCp		11	62	8⅝	8	8⅛	
26¾	22¾	Amstar	1.35	5	332	23	22¾	23 —	⅛
54⅝	44	Amsted	2	9	72	55	54⅜	54⅜+	½
8⅜	5⅝	Amtel	.36	15	14	7⅝	7⅝	7⅝	
31⅞	26½	AnchrH	1.50	8	25	31⅛	30⅝	31⅛+	⅛
24½	22¾	AndClay	1	9	133	23⅝	23½	23½+	⅛
7½	6	Angelica	.24	8	36	6½	6½	6½—	⅛
8	6⅛	Anixter	.20	8	33	7⅜	7¼	7⅜+	⅛
8⅜	7⅛	AnsulCo	.53i		11	7⅝	7⅝	7⅝	
23⅝	16¼	Apache	.70	9	280	22⅜	21¾	22 +	⅛
36	33¾	ApcoOil		9	14	35⅞	35⅜	35⅞	
21⅛	14⅜	ApcoCp			16	17⅛	17⅛	17⅛+	⅛
14½	10⅞	ApldDrg		9	66	11⅞	11⅝	11⅝—	⅛
32	23¾	AplDrg	pf 1		28	26⅝	25¾	26 +	⅛
6⅛	4¾	ApplMat		10	26	5⅛	5⅛	5⅛	
17¼	14	Arcatan	.60	7	20	15⅛	14⅝	15	
21⅜	15⅛	ArchDan	.20	8	166	18½	18¼	18⅛+	⅛
5⅝	3½	ArcticEn		7	5	4	3⅞	3⅞	
3½	2¾	Arlstar			7	3	2⅞	2⅞	
20	16⅛	ArizPSv	1.48	7	170	19⅝	19⅜	19⅛—	⅛
118	114	ArlPpf	10.70		z100	117½	117	117 +	½
13	10⅝	ArkBest	.52b	6	4	10⅞	10⅝	10⅝+	⅛
32¾	26⅝	ArkLGs	1.80	9	78	30⅝	30⅛	30⅜+	⅛
3½	2½	ArlenRty			331	3⅜	3	3⅛	
6¼	4¾	Armada		6	36	6	5⅞	5⅞—	⅛
32⅝	28	Armco	1.80	7	282	29¼	29	29 —	⅛
30¾	27⅜	Arm pf	2.10		15	29⅛	28⅝	28⅞—	⅛
27⅝	22⅜	ArmsIck	1	12	155	25	24¾	24¾+	⅛
27⅞	21	ArmRu	1	4	17	27⅝	27½	27½+	⅛
30	17½	AroCorp	1b	8	1	19⅛	19⅛	19⅛	
19¼	14⅜	Arvin	.64	5	16	15⅞	15⅝	15⅞+	⅛
15⅜	14¼	Arvinin pf	2		1	15⅞	15⅞	15⅞	
23⅜	16¼	Asarco	.80	14	432	21⅝	21¾	21¾	
37⅞	32¼	AshOil	1.90	7	128	34⅜	33½	34⅛+	⅛
13⅝	9⅜	AsdDrG	1.50	10	6	9⅝	9⅝	9⅝	
19½	13	Athlone	.80	6	31	15	14⅝	14⅝—	⅛
3⅛	1⅞	AtlcoMtg			7	2⅛	2	2⅛	
24⅝	21⅛	AtlCyEl	1.62	9	20	22½	22½	22½+	⅛
38½	30	AtlRich	1.60	11	1288	35⅝	35⅝	35⅝+	⅛
197	184	AtlRc pf			10	188	187½	188 +	½
52½	49½	AtlRc pf	3.75		z20	50	50	50 +	⅛
72½	63¼	AtlRc pf	2.80		484	69½	69	69⅛+	⅛
24½	19⅛	AtlasCp		15	182	22⅝	22½	22⅝ +	⅛
30	21½	AutoDte	.24	16	295	25½	25	25½—	⅛
9⅞	7⅜	Autmind	.40	7	166	9¾	9¾	9¾	
16⅝	13	AvcoCp		3	39	14⅜	14⅜	14⅜+	⅛
11⅛	¾	AvcoCp	wi		12	13-16	¾	¾—1-16	
49½	41⅞	AvcoCp	pf		1	49	49	49	
23⅞	17⅜	Averyint	.35	15	8	22⅜	22½	22½+	⅛
15⅞	11⅝	Avis Inc	.40	6	36	13⅛	13	13⅛+	⅛
19⅜	16	Avnetinc	.60	7	202	18⅛	17⅝	18 +	⅛
49½	43½	AvonPd	2	17	653	48⅛	48	48⅛+	⅛

B

21¾	17⅛	BTMlg			41	2	2	2 —	⅛
42⅜	28½	BabckW	1.20	9	734	41½	41⅜	41½+	⅛
9⅜	6½	Bache	.40	5	18	7½	7¼	7¼+	⅛
13	10⅞	BakerIn	.36	10	165	13	12⅝	13 +	⅛
8	6⅛	BakrIntl	.45	14	96	46⅝	46⅜	46⅝—	⅛
8⅛	7⅛	BallCp	.80	6	18	17⅛	16⅝	17⅛+	
20⅝	10⅜	BallyMf		22	355	22⅝	22	22½—	
37⅜	34½	BaltGE	2.08	8	49	36⅛	35⅞	35⅞—	⅛
26	16¼	BanCa	.60	20	14	20⅜	20⅛	20⅜—	⅛
23⅝	13½	Bandag	.30	10	343	15⅞	15	15⅝—	
18⅜	11⅛	BangPnt		4	97	15⅛	13⅝	15⅛+	⅛
22⅝	15	BanP pf	1.26		1	19⅜	19⅜	19⅜—	⅛
28¼	21½	BanP pf			10	25⅝	25½	25⅞—	⅛
37⅜	34	BkofNY	2.32	7	18	36⅝	36⅝	36⅝+	⅛
15⅜	13⅝	BkofVa	.85	14	22	14⅜	14⅛	14⅜	
30⅜	24⅛	BankAm	.80	10	265	24⅝	24¼	24½—	⅛
41	35¾	BankTr	3	8	153	38⅛	37⅝	37⅞—	⅛
29⅛	23⅝	BnkT pf	2.50		14	25¾	25½	25½—	⅛
39¾	33¾	BarbOil	1.60	15	3	37⅞	37½	37⅞+	⅛
14⅞	11⅛	BardCR	.24	16	406	12½	11⅞	12⅛+	⅛

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19⅞	16½	BarnsGp	.80	7	7	18¾	18½	18½	
19⅝	14⅜	BasicInc	1	5	1	16½	16½	16½+	⅛
31½	26¾	BatesMf	.80	64	23	33	32⅝	32⅝—	⅛
39½	28¼	BauschL	1	10	1600	34⅝	33½	33⅝—	5
40⅝	31¼	BaxlTry	.24	17	332	35⅞	34⅝	35⅝+	⅛
3¼	2⅝	BayCelP			20	3⅞	2⅝	2⅝—	
23¼	21	BaySEq	1.96	7	15	22½	22¼	22½+	⅛
5⅞	4¾	BaykCig	.24	21	2	5⅛	5¼	5⅛+	⅛
22	25⅜	Bearing	.50	17	17	29½	28½	29½+	⅛
23⅜	23⅜	BeatFds	.96	12	160	24⅝	24⅜	24⅜	
27⅝	22⅛	Beckmn	.32	14	32	24⅝	24¼	24⅞+	⅛
34⅝	28⅜	BectDick	.70	12	18	29⅞	28⅛	29⅛—	⅛
24⅞	20¼	BeechA	1	7	52	21	20¾	20¾—	⅛
9⅛	6⅞	Beker			40	7¼	7⅛	7¼	
29⅜	23¾	BelcoP	1	6	50	26	26	26 +	⅛
22½	17⅜	BellHow	.84	35	43	22⅛	22⅛	22⅛+	⅛
48	45¼	BellCda	4.08	7	23	46¾	46⅝	46⅝—	⅛
22⅞	19⅛	Bemis	1.20	7	8	21	20⅝	21 +	⅛
47	40⅝	Bendix	2	9	90	42⅝	42	42⅝+	⅛
27	22⅜	BenlCp	1.60	5	59	24⅝	24½	24⅝+	⅛
69⅝	50¾	Benef pf	4.30		1	57½	57½	57½	
30	28⅛	Benef pf	2.50		z10	29½	29½	29½	
7⅛	1⅜	BntStM			6	2	2	2 —	⅛
7⅛	1½	Bengt B	.09e	16	364	3	2⅞	2⅞	
6¼	4¼	BerkeyP			22	4⅝	4½	4⅝	
24	19	BestPd		7	58	20¼	20	20⅛—	⅛
40⅝	32¾	BethSt		2	219	35⅝	35½	35½+	⅛
34⅝	29	BigThree	.40	17	40	31⅛	31	31	
20⅞	16	BlackDr	.48	15	129	16⅝	16⅜	16⅝—	⅛
17¼	14	BlairJn	.44	6	19	15⅝	15	15¾	
30½	17	BlissLau	1.05	7	25	19½	19½	19½	
23⅜	12⅜	BlockHR	1	11	210	19	18⅝	18⅝—	
31⅜	27	BlueBell	1	6	64	28⅝	28⅜	28⅝+	⅛
6⅛	5⅛	Bluebrd	.20	6	34	5⅞	5⅝	5⅝—	
3¾	3	BobbieBr			5	3¼	3¼	3¼—	
45½	37½	Boeing	1.40	9	543	43⅝	43¾	44 +	⅛
33¾	29½	BoiseCs	1.16	9	300	32	32⅛	32⅜	
37¾	19½	BkMnth	1.20	11	1	36¼	36¼	36¼	
35⅝	31½	Borden	1.40	9	237	34¼	33⅝	34⅛+	⅛
33⅛	29¾	BorWar	1.60	7	30	30¾	30¾	30¾—	⅛
5	3¾	Bormans		5	35	4	4	4	
27½	25⅜	BosEd	2.44	9	42	25⅞	25⅝	25⅝—	⅛
99½	92	BosE pf	8.88		z300	93½	92½	93¼+	1½
13	12⅝	BosE pf	1.67		30	12⅞	12⅝	12⅝—	⅛
16	15	BosE pf	1.46		6	15⅝	15⅝	15⅝+	⅛
11⅛	8⅞	Braniff	.24	7	566	9⅝	9½	9⅝+	⅛
41¾	31½	BraunCF	.60	8	114	39	37½	38 +	1⅛
33½	26⅛	Brlo Str	.92	13	68	27¾	27⅜	27½—	⅛
68⅞	60⅛	BristMy	2.20	13	232	63⅝	63⅜	63⅝+	⅛
44	39⅝	BristM pf	2		6	41½	41¼	41½+	⅛
15¾	13½	BrlPet	.30e	19	50	14⅝	14⅜	14⅝+	⅛
35⅞	29	BrkwGl	1.40	7	6	33⅝	33¾	33⅝	
22⅛	19½	BklyUG	1.80	8	11	20	19¾	19⅞+	⅛
27½	26	BkUG	pf2.47		8	27½	27½	27⅝+	⅛
69⅜	64	BwnShrp	.20	21	4	69	67⅞	67⅞—	
78½	53⅝	BrownC	.30	11	1	61¼	61¼	61¼	
22½	20	BwnGp	1.40	7	15	20⅝	20½	20⅝+	⅛
10¼	7½	BrwnFer	.40	13	1007	10⅛	10⅛	10⅛+	⅛
17⅜	14⅜	Brunswk	.60	7	280	14⅞	14⅝	14⅝	
25⅝	22	BrushW	1	9	46	24⅜	24	24½+	⅛
27⅜	22⅝	BucyEr	.64	13	345	26¼	26	26 —	⅛
22⅞	18½	BuddCo	1.20	4	237	20½	20	20⅛+	⅛
33⅛	25⅞	ButtFo	1.40a	7	7	32⅝	32⅜	32⅝—	⅛
8⅝	6⅝	Bulova			15	7⅜	7¼	7¼+	⅛
12½	11¼	BundyCp	.80	6	23	12	11⅞	11⅞+	⅛
22⅜	21½	BunkHil	1.86		20	21⅞	21⅜	21⅝—	⅛
12½	8	BunkRa		13	41	11⅝	11⅝	11⅝	
36⅝	23¾	Burlind	1.40	7	299	25¾	25⅛	25⅞+	⅛
52½	41¾	BurlNo	1.40	7	656	53	51¾	52½+	⅛
8	7⅛	BurlNo	pf.55		6	8	7⅝	7⅝	
20½	16⅞	Burndy	.66	11	10	17¼	17	17¼	
91¾	59¾	Burrghs	.80	13	696	61⅝	61	61⅜—	⅛
23½	18½	ButtesGO		5	53	19⅜	19	19¼+	⅛

C

61¼	55	CBS	2	10	113	60	59½	59⅞+	⅛
3¾	3⅛	CCI Corp		14	33	5½	5⅜	5½	
1¼	⅞	CIMtg Gp			6	⅞	⅞	⅞+1-16	
6¼	4½	CIRIf Inv			17	6	6	6 —	⅛
40¾	34½	CITFin	2.40	8	47	36¾	34⅝	34⅝—	⅛
15-16	9-16	CLAsst			3	⅝	9-16	⅝+1-16	
7⅛	6⅜	CLAs pf	12k		21	7¼	7¼	7¼+	⅛
5½	5⅜	CLCAm	.24	5	225	5	4⅜	4½—	⅛
12½	10⅞	CMI Inv		6	17	12	12	12 —	
9½	6⅝	CNA Fin		11	20	7½	7½	7½	
16	13⅜	CNA pfA	1.10		6	13⅛	13⅛	13⅛	
13½	12	CNAI	1.08a		3	12⅜	12¼	12¼—	⅛
50⅛	44½	CPC Int	2.50	9	49	49⅝	49½	49½—	⅛
20⅜	18¼	CTSCp	.70	7	77	20	19⅝	20 +	⅛

— 1976-77 — High	Low	Stocks and Div in $	P/E	Sls. 100s.	High	Low	Clsg. prev. Quot.	Chge Close	
49¾	40⅛	CabotC	1.40	7	13	45½	45⅛	45⅛+	⅜
4⅞	3⅝	Cadence		4	7	4⅝	4½	4⅝	
5½	4	Caesars			57	5⅛	5	5 +	⅛
8⅝	8	CalFInl		6	5	8⅝	8⅝	8⅝—	⅛
18	12⅞	Callahn	.35b	20	11	15¾	15⅜	15⅜—	⅛
2	1⅝	CamernBr		3	3	1⅝	1⅝	1⅝	
30⅜	23	CmpRL	.80a	28	32	26⅞	26½	26¾—	⅛
39⅜	36⅛	CamSp	1.48	12	72	38⅜	38½	38⅝+	⅛
17	15¾	CdnPac	.86e	6	24	16¾	16⅛	16⅜+	⅛
9⅜	8	CanalR	.64	11	16	8⅝	8⅝	8⅝+	⅛
57	44¼	CapCits	.20	10	5	48⅝	47⅞	48 —	⅛
23	19⅝	CapHold	.60	10	22	19⅝	19½	19⅝—	
1½	1⅜	CapHldMtg			20	1½	1½	1½	
38½	32	Carber	1.12	9	183	37⅞	37⅞	37⅞+	⅛
18¼	15⅛	Carlisle	.88	7	107	19⅛	17⅞	18⅛+	⅜
6⅛	5¾	CaroFrg	.20	12	1	6	6	6	
23¾	21½	CarePw	1.72	8	80	22⅜	22½	22⅝+	⅛
30⅛	29	CarP pf	2.67		4	29⅞	29⅝	29⅞+	⅛
35⅜	34	CarTec	2	7	17	35⅜	35⅛	35⅜	
20¼	15⅝	CarrCp	.64	11	982	18⅜	17⅞	18¼+	⅜
15	13	CarrGn	.88e	1	14	14	14	14 +	⅛
22	17⅜	CartHaw	.90	9	44	18⅝	18½	18⅝—	⅛
38	32⅛	CartHw	pf 2		2	33	33	33	
8	7	CartWall	.40	10	5	7⅝	7⅝	7⅝+	⅛
10⅛	7⅝	CaseNG							

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NYSE Nationwide Trading (2 O'clock) April 20

(Continued from preceding page.)

— 1977 — High	Low	Stocks and Div in $	Sls. P/E	100s	2 p.m. High	Low	Quot.	Chg. Close
		EastAir	4	50	7⅝	7⅜	7⅜	
		EastGsP .80	10	537	28⅝	28½	28⅝	+ ⅛
		EastUtil 1.60	9	12	18	17¾	17⅞	
		EasKd 1.60a	17	918	69⅝	69¼	69⅝	— ⅜
		Eaton 2	5	29	43¼	42⅝	43	+ ⅛
		Echlin .60	12	41	23	22⅝	23	+ ⅛
		EckrdJr .48	12	66	23¾	23⅝	23⅝	— ⅛
		EdisBro 2.20	8	5	58½	58½	58½	+ ½
		Edwrds .60a	5	7	13⅜	13⅜	13⅜	+ ⅛
		ElPaso 1.10	9	370	15⅝	15⅜	15⅝	+ ⅛
		ElecAssc		4	2⅛	2⅛	2⅛	
		EDS .60	15	3	17	17	17	
		EIMM pf 1k		2	104½	104½	104½	+ 1⅛
		ElsinNat 1a	9	58	25½	25	25	
		Elsxirind	5	83	5⅞	5⅝	5¾	+ ⅛
		ElfraCp 1.16	8	6	28⅞	28⅝	28⅝	— ⅛
		EmerEl 1	16	284	34½	33⅝	33½	— ⅜
		Emery 1.50	18	28	36½	36½	36½	— ⅛
		Emery 1.50	18	28	36½	36½	36½	— ⅛
		Emhart 1.80	7	25	37½	37½	37½	— ⅛
		EmpDE 1.36	10	4	15⅝	15⅝	15⅝	+ ⅛
		EmpGas .40	8	102	25½	24½	25½	+ 1⅛
		EngMC 1.20	9	59	34½	34⅛	34⅜	— ⅛
		EnnisB .20	5	4	6⅝	6	6	— ⅛
		Ensrch 1.72	8	206	29½	29¼	29½	+ ⅛
		Entex 1.20	8	23	32⅛	32⅜	32⅛	+ ⅛
		Envriec .20a	11	92	37⅜	37⅝	37⅜	— ⅛
		Equitax 2a	8	2	26½	26½	26½	+ ⅛
		Equimrk .88	7	5	19⅛	12⅝	12⅜	+ ⅛
		EquifCs 2.84	6	7	36	36	36	
		EquitLf 2.14e	11	297	25	24⅞	24⅞	— ⅛
		Esmark 1.76	7	31	31	30½	30⅝	— ⅛
		Esquire	17	12	10⅝	10⅛	10⅜	+ ⅛
		Esterline .36	7	22	7⅝	7⅝	7⅝	+ ⅛
		Ethyl 1.60	6	48	42	41	41	— ⅞
		Ethyl pf 2.40		2	54⅜	54	54	— ⅜
		EvansPd .60	8	348	13⅛	12½	13⅛	+ ⅛
		Evans pf1.40		47	15	14⅜	14⅞	
		ExCelO 1.25	8	12	27⅜	27⅛	27⅛	+ ⅛
		Excisr 1.72e		2	19	18½	19¼	— ⅛
		Exxon 9	9	1677	52⅝	51⅝	52⅝	

F

26⅝	24	FMC 1	11	549	26⅝	26	26⅝	+ ⅛
38	35	FMC pf 2.25		5	37	37	37	
99⅛	61½	FabrIClr .20	5	12	67⅛	65⅝	67—	— ⅛
69¼	52¼	FacetEnt	11	72	65⅝	61½	65¼	— ⅛
41⅞	31⅝	FairCam .80	14	52	32½	32	32	— ⅜
11¼	9⅛	Fairind .20	9	75	10	9¾	9⅞	— ⅛
13⅜	11¼	FairmtF .48	7	3	11½	11⅜	11⅜	— ⅛
6⅛	4½	FarahMf		28	4⅝	4½	4½	
7¾	5¼	Fedders	38	105	6	5¾	6	+ ⅛
17⅜	15⅛	FedNMt 1	6	619	16⅛	16	16⅛	
19⅞	16⅞	FedPaBd .96	5	19	19⅛	18¼	18⅝	— ⅛
24⅜	21	FPep pf 1.20		20	23½	22⅝	23⅝	— ⅛
14⅞	12⅛	FdSignl .80	7	21	13⅞	13⅝	13⅞	+ ⅛
49⅛	38⅞	FstDSt 1.46	12	129	40¾	40⅛	40⅝	
10⅝	8⅜	Fibrebrd		39	9¼	9⅛	9⅛	
35⅜	32⅜	FidelUn 2.40	7	5	34⅝	34⅜	34⅝	— ⅛
29⅜	19	Fieldcrst 1a	6	9	20½	20⅜	20⅜	
14⅞	9⅛	Filtrol	7	13	13	12⅞	13¼	
21⅞	16½	FinSanB .48	5	44	21⅜	20⅝	21⅛	+ ⅛
23⅛	17	FinlFed .50	6	44	23⅝	22⅞	23½	+ ⅛
23⅜	19⅜	Firesm 1.10	11	357	19⅞	19⅝	19⅝	+ ⅛
18¾	13½	FstChar .15r	7	598	17⅜	17½	17⅝	
22⅞	19½	FstChic .96	7	61	19⅞	19⅝	19⅝	— ⅛
43⅜	37⅛	FstFnBn 1.20	10	80	40	39⅝	40	+ ⅛
17	12½	FstMtSc .36	10	117	13½	13⅛	13⅛	
30½	26⅝	FstNBo 1.88	8	60	27⅝	27½	27½	— ⅛

G

13⅜	11	GAFCp .60	10	79	11⅝	11⅜	11⅝	+ ⅛
19¾	16¼	GAFpf 1.20		11	17¼	17¼	17¼	+ ⅛
34⅛	28¾	GATX 1.80	12	36	31¾	30¾	31½	+ ⅛
45	39	GATX pf2.50		2	40½	40½	40½	+ ⅛
9⅝	7¾	GCA Cp .05e	19	17	8	8	8	— ⅛
15	11	GFBusn .20	6	6	14¼	14¼	14¼	— ⅛
33	22½	GamSk 1.40	6	54	31¾	31	31¾	+ ⅛
29⅛	23¾	GamS pf1.60		2	27	27	27	— ⅛
40¾	32⅜	Gannett 1	15	96	34⅜	34⅛	34⅜	+ ⅛
13	9	GapSfrs .20e	8	19	10¼	10⅛	10⅛	— ⅛
22⅛	17½	GardDen .75	20	7	21¾	21½	21⅝	— ⅛
13⅜	10⅜	GarInk 1.04	7	8	15⅛	15⅛	15⅛	
15⅝	13½	GasSvc 1.20	9	16	14	14	14	
9½	6¼	Gatewy .15e	4	42	9	8⅝	9	+ ⅛
28½	22	Gearhrt .20	12	23	27½	27½	27½	— ⅛
19⅝	17⅜	GemCap		4	18⅜	18⅜	18⅜	+ ⅛
17⅜	14¾	GenIn 1.20a		43	15½	15½	15½	+ ⅛
12⅛	9⅞	GAInv 1.22e		24	10⅛	10⅛	10⅛	+ ⅛
42½	32¾	GnAmID 1.64	15	32	41⅜	41⅛	41⅜	+ ⅛
14⅛	11¼	GenBanc .80	7	5	13⅜	13⅜	13⅜	— ⅛
12⅜	10⅝	GnCable .72	10	61	11½	11¾	11⅝	— ⅛
23⅛	21¼	GCInma .68	7	2	22½	22¾	22¾	— ⅛
6	4¾	GenDevl	5	31	4¾	4¾	4¾	
61	49	GenDyn	6	62	53⅜	53	53⅜	— ⅛
55⅞	47⅛	GenElf 1.80	9	881	53¾	53¼	53⅝	+ ⅛
23	19⅜	GenFood 1.64	9	230	21⅞	21⅝	21⅞	— ⅛
23½	21⅜	GnGlh 1.38e	21	18	23¼	23¼	23¼	— ⅛
13⅛	11	GenHost .68		6	12½	12½	12½	+ ⅛
22⅞	18⅛	GenInst .22i	10	98	20½	19⅝	20⅛	+ ⅛
36½	26	GnInstr pf 3		2	36⅝	35⅝	36⅝	+ ⅛
30⅜	17⅜	GenMed .20	10	69	19½	19½	19½	
34⅞	26¾	GenMills .88	15	141	33	32⅝	33	+ ⅛
78⅛	59⅛	GnMot 5.86a	7	1570	61⅝	61⅛	61⅝	— ⅛
55	51⅜	GMot pf 3.75		1	52	52	52	
72⅝	69½	GMot pf 5		2	70	70	70	
8¾	6⅝	GenPort	36	26	7⅝	7⅝	7⅝	— ⅛
19⅜	16	GPU 1.68	9	190	19½	18⅞	19	— ⅛
9¼	7¼	GenRetr .10e	51	100	9¼	9¼	9¼	— ⅛
52¾	46⅜	GnSignl 1.04	13	122	52	52¼	52¼	+ ⅛
8	5⅞	GenSteel	5	4	6⅛	6	6	— ⅛
31⅞	28	GTelEl	9	741	30	30	30	
35⅜	33¾	GT'El pf1.50			34½	34½	34½	— ⅛
29	27¾	GTIEl pf2.46		6	28⅞	28⅝	28⅝	— ⅛
103	97¼	GTFI pf 8.16		2000	99½	99½	99½	+ ⅛
28⅜	25¾	GTire 1.20b	6	72	26½	26½	26½	— ⅛
6⅞	6¼	Genesco	23	69	6¼	6¼	6¼	
23½	21	Genstar 1.40	3	4	21½	21½	21½	+ ⅛
37⅛	31	GenuPrts .90	15	76	33¾	33¾	33¾	— ⅛
38½	31½	GaPac .80b	15	136	33½	33	33⅛	— ⅛
28¾	26¾	GaPw pf2.52		11	27½	27½	27½	+ ⅛
30¾	28½	GaPw pf2.75		11	29⅝	29⅝	29⅝	
334⅜	243⅛	Gerber 1.38	13	3004	39½	38¾	38¾	+ 5⅛

— 1977 — High	Low	Stocks and Div in $	Sls. P/E	100s	2 p.m. High	Low	Quot.	Chg. Close
2⅞	1⅞	GettyO 2.70e	13	39	184	182½	184	
12⅛	12½	GerIO pf1.20		11	18	18	18	
10⅜	8¾	GiantPC .40	18	4	8¾	8¾	8¾	
12⅝	8¾	Gibr Fin 1.6r	5	55	12	11⅞	11⅞	— ⅛
11⅝	8¼	GiddLew .40	14	60	11¾	11½	11⅝	— ⅛
16⅛	13⅝	GiffdHill .80	6	25	14	14	14	
26⅛	25¼	Gillette 1.50	11	163	28	27¾		
9¾	7	Ginostinc	7	95	7	8¾	7	
14⅛	10⅞	GleasW .29e	11	1	13	13	13	+ ⅛
9⅜	7	GlobMar		8	8	8	8	+ ⅛
33¼	24⅝	GlobeUn 1.20	7	178	33¾	33	33¾	+ ⅛
20⅛	16⅝	GldWFn 1.2e	5	26	20	19⅞	19⅞	— ⅛
20¼	17⅛	GoldW pf .28		40	20⅛	20⅛	20⅛	
32⅛	25¼	Goodrch 1.12	20	205	31½	30⅞	31	+ ⅛
26⅜	19⅝	Goodyr 1.10	13	755	20⅞	19⅞	20⅛	+ ⅛
13¼	11¾	GorJyrlA .40	5	9	12⅛	12½	12½	
23½	17¼	Gould 1.12	10	417	32½	31¾	32⅛	
39½	27¾	Gould pf1.35		28	32	31¾	31¾	— ⅛
31¼	28	Grace 1.80	8	87	29⅝	29	29	— ⅛
30	26½	Grainger .36	15	107	28⅜	28½	28⅜	+ ⅛
21¾	16	GrandUn 1	7	9	20½	20⅜	20½	+ ⅛
15⅞	13⅜	Granitvl .90	5	5	14	14	14	— ⅛
18⅛	16½	GravDrg .80	5	4	16½	16½	16½	— ⅛
14¾	10⅞	GtAlPac 1.80	7	194	12⅛	11⅝	11⅝	— ⅛
29⅛	22⅛	GtLkD 1.20a	7	2	29½	29½	29½	+ ⅛
29½	19¾	GtNoIr 1.50a	19	1	26	26	26	
25⅞	22¼	GtNoNk 1.16	9	12	32	31½	31½	— ⅛
25⅛	20⅛	GtWnFin .58	7	53	24⅝	24⅜	24⅝	+ ⅛
23⅜	19½	GtWstUtd	2	38	22	21	21¾	+ ⅛
23⅛	18½	GtWn pf 1.80	2	6	23	23	23	— ⅛
20⅞	18¼	GrGiant 1.00	17	34	19¾	19¾	19¾	— ⅛
15½	14	Greyh 1.04a	8	162	14¾	14¾	14¾	+ ⅛
2⅛	1⅝	Greyhnd wt		20	1¾	1⅝	1⅝	— ⅛
20⅛	7	Grolier		136	9¼	9⅛	9⅛	
10⅛	8½	Grouzc .30b	6	18	9¼	9	9	— ⅛
19½	16⅜	Grumun .80	5	28	18½	18	18½	+ ⅛
16⅞	14⅜	Guardin .20	7	58	16⅜	16⅛	16⅜	+ ⅛
18⅞	12⅛	GulfWstn .64	4	299	13⅜	13⅛	13⅜	+ ⅛
3⅜	1½	GlfWInd wt		183	11-16	9⅝	5⅝	—1-16
40⅛	33¼	GlfW pf 2.50		7	34⅝	34	34⅛	
13⅛	10¾	GHLfHld .60	13	21	13¼	12⅝	13¼	+ ⅛
3¾	2⅞	GulfMtg	6	3	2⅞	2⅞	2⅞	
47⅜	42⅛	GulfOil 1.80	7	576	29¼	28⅞	29⅛	+ ⅛
29¾	16⅜	GulfRes 1	10	73	19⅜	19⅛	19⅜	— ⅛
25⅞	20¾	GulfR pf1.50		2	24½	24½	24½	
25	20¾	GulfR pf1.60		19	23⅞	23½	23½	
14⅞	12⅞	GNSIU 1.12	9	231	13⅜	13⅛	13⅜	+ ⅛
98	55	GtSU pf4.40		2170	55	54	54	— 1
9⅜	6⅝	Gulton .05e	12	47	7⅝	7	7	— ⅛

H

32	31⅛	HMW	3	8	14	31½	31⅛	
37⅜	35	Hackbr	3	2	37½	37½	37½	— ⅛
21½	17	HallFB .76	10	185	18½	17⅞	18½	+ ⅛
23	19¾	HallPnr .80a	7	2	20⅜	20⅜	20⅜	+ ⅛
64⅞	52⅛	Ha Ibrt 1.20	12	468	58	56⅝	56⅝	— ⅛
25¼	20¾	HamrIP .30	9	58	25	24⅝	25	+ ⅛
18½	16⅜	HanJSe 1.49e		95	17	17	17	
23½	21½	HanJin 1.88e		8	22	21⅝	21¾	— ⅛
6	4¼	Handimn .20	12	11	5⅜	5⅛	5⅛	
23⅜	19⅝	HandvHa .80	8	16	22½	22½	22½	+ ⅛
29	22½	Hanes 1.36	9	25	25½	25½	25½	
54½	47¼	Hanna 1.50	9	47	50½	49⅞	50⅛	+ ⅛
34⅝	32	HarBrJ 1.44	8	1	32⅜	32¼	32⅜	— ⅛
10	8	Hardees .16	7	6	8¼	8¼	8¼	
33½	23⅛	Harman .50b	9	184	34⅜	34⅛	34⅜	+ ⅛
22⅜	16⅞	Harnisht .80	8	119	22½	22½	22½	— ⅛
16⅛	13⅝	Harrah .40	8	3	15⅝	15⅝	15⅝	+ ⅛
39½	25⅛	HarrisCp 1.50	7	7	39	38⅝	39	+ ⅛
38¾	28	Harris .80	15	44	38½	38¼	38¼	— ⅛
26⅛	24⅛	Harscc 1.40b	9	5	25¾	25⅝	25¾	
14⅜	12¼	HartSMx .72	7	7	12½	12½	12½	
29⅜	25⅝	HartleHk .75	11	232	27⅜	27⅛	27⅛	— ⅛
18½	17	HatSe 1.44a	11	12	17⅞	17⅞	17⅞	— ⅛
25⅜	23¾	HawiEl 1.88	8	24	24⅝	24½	24½	— ⅛
19	14¾	HayesAlb 1b	5	36	17½	17½	17½	+ ⅛
12⅜	9½	Hazeltn .10e	9	7	9⅝	9⅝	9⅝	— ⅛
9⅜	8	Hecks .12	7	65	8⅝	8⅜	8½	+ ⅛
15⅝	11¾	HeclaM .30f		29	13½	13½	13⅝	— ⅛
29½	15⅝	HelimB .64	7	27	19½	19⅝	19⅝	
34	29	HeinzH 1.20	9	131	30⅜	29⅝	29⅝	— ⅛
31⅝	28¼	Heinz pf 1.78		3	30¼	30⅛	30⅛	— ⅛
45⅛	41¾	HelenC 1	5	4	42½	42½	42½	— ⅛
27⅜	17⅛	Hollerin1 .92	8	65	18½	18	18	— ⅛
37	30½	HelmerP .28	14	59	35⅝	35½	35⅝	— ⅛
21⅛	13⅛	HemCap		13	17⅜	17⅛	17⅛	— ⅛
8¾	8	Heminc .46e		1	8¾	8¾	8¾	+ ⅛
28½	22⅞	Hercules 1	18	47	24	23⅞	23⅞	

— 1977 — High	Low	Stocks and Div in $	Sls. P/E	100s	2 p.m. High	Low	Quot.	Chg. Close
22⅝	19⅛	Hershey 1.12	6	40	20½	20⅛	20⅜	— ⅛
12	8	Hession		7	8½	8	8½	
18¼	16½	Heritn pf 1.80		3	16⅞	16⅝	16⅝	— ⅛
42⅝	26	Houblin 1.12	8	581	26½	24⅜	25¼	— 1⅝
87	58¾	HewlPk .40	28	73	74	72¾	73¾	— ⅛
8	6	HghVol .05e	9	365	8¼	7⅝	8¼	+ ⅛
23½	20⅝	Hillenbd .32	9	75	22½	22½	22½	+ ⅛
23g	19⅝	HiltonHtl .92	9	41	23½	23	23½	— ⅛
15⅝	20½	Hobart .92	1	4	20½	20½	20½	— ⅛
15¼	11⅞	Holiday .40	9	223	13⅞	13⅝	13⅞	
24⅛	21⅛	HlldyA 1.70t		1	21½	21½	21½	
32⅛	28	Hollvs 2.40	6	14	29	28⅝	28⅝	— ⅛
47⅛	34½	Homestk .80	21	245	45½	39¾	40¼	— 1⅛
15⅝	12¼	Honda .5r	21	37	14	13⅝	13⅝	
51⅝	43½	Honvwll 1.40	10	710	51	50	51	— 1
24⅜	20¾	HoovBB 1.12	7	7	22⅞	22⅛	22⅛	— ⅜
16⅛	13½	HospAff .32b	7	21	16	15⅞	16	
28½	21¾	HospCpA .40	9	76	24½	23⅞	24¼	— ⅛
17⅜	9⅜	HostInll .40	6	27	9⅝	9⅝	9⅝	— ⅛
18⅜	15¼	Houdaill .90a	6	123	16⅛	16⅛	16⅛	— ⅛
16⅛	14⅜	HougMiff 84	8	7	17½	17½	17½	
9⅛	7¾	HousFab .32	7	21	7¾	7¾	7¾	
21⅜	19⅞	HoushF 1.20	7	735	19⅞	19⅝	19⅝	— ⅛
38⅛	34½	HousF pf 2.50		3	35½	35½	35½	— ⅛
39½	35⅝	HousInd 1.76	8	479	37½	37	37⅛	— ⅛
33¾	29¾	HousNG .70	10	452	30	29⅞	30	
12½	9⅜	HowJohn .32	7	364	9⅞	9½	9⅝	— ⅛
17⅛	15¼	Hubbrd 1.20	12	15	15⅝	15½	15⅝	— ⅛
19¼	17	HudsnA .90	60	8	18⅛	18	18⅛	— ⅛
7⅛	6¾	HughMar .40	5	2	8¼	8¼	8¼	— ⅛
42⅛	34	HughsTl .50	5	142	38⅛	37⅝	38⅛	— ⅛
16⅞	15¼	Humana .20	16	17	17¼	17⅛	17⅛	— ⅛
16	11⅜	HuntCh .24	12	84	14⅞	14⅝	14⅝	
17⅜	13	HuntnSF .60	5	27	13	13	13	
14¼	12⅝	Huyck .60	11	108	14	14	14	— ⅛

I

26	21½	ICInds 1.40	7	364	26	25½	25½	
45⅞	41	IC Ind pf 3.50		25	44¼	44¼	44¼	— ⅛
114	100	ICInd pf 6		2	115	115	115	— ⅛
6¼	4½	ICNPhs	47	109	5⅛	4⅞	5	— ⅛
47⅜	40⅛	INACo 2.20	11	168	43½	42⅝	42⅝	— ⅞
20⅜	18¾	INAIn 1.56a		10	19	18⅞	18⅞	— ⅛
13⅞	11½	IUInf .90	10	81	12½	12½	12½	
13⅛	12⅛	IUInf A		2	12⅞	12⅞	12⅞	
25⅛	23½	IdahoP 2.16	9	37	24⅛	23⅞	24	— ⅛
23¾	19⅛	IdealBa 1.20	9	57	22½	22	22	— ⅜
8⅜	7½	IdeaTov .32b	5	12	7½	7½	7½	— ⅛
29⅛	25⅛	IIIPowr 2.20	11	7	25⅞	25⅞	25⅞	— ⅛
49¾	45	IIIPow pf3.78		2300	46	46	46	— 1
28	23½	ITW .56	12	25	25⅝	25⅜	25⅜	— ⅛
27½	16	ImpilCnA .24	5	30	25⅝	25⅜	25⅜	— ⅛
34	25	INCO 1.40a	11	1171	29¾	29¼	29¾	— ⅛
7⅜	6½	IncCap		7	7	7	7	
10¼	9¼	IncCCu .86e		12	10	10	10	
89	82½	IndiVA pf7.76		210	84½	84½	84½	
23⅜	19	IndiIr pf 12		230	120	119	119	
25¼	24½	IndiGas 2.12	6	16	24½	24½	24½	— ⅛
24⅜	23	IndpiPL 1.90	10	24	24⅛	24⅛	24⅛	
18⅝	16	IndiNal 1.20	8	4	17⅞	17⅞	17⅞	+ ⅛
22⅞	17⅞	InexcoO	25	674	20½	20½	20½	— ⅛
78	65	IngerR 2.80	12	103	75½	75½	75½	— ⅛
50¼	45	IngR pf 2.35		7	48⅛	47	48	
51⅛	27¾	InlndCon 1.10	10	54	29⅝	29⅜	29⅝	— ⅛
52¼	45¾	InlndSil 2.60	9	203	49½	49½	49½	— ⅛
53⅜	14⅛	Inmont .80	8	161	27⅛	27	27⅛	— ⅛
16⅛	13⅜	InsilCo .88	6	7	15⅞	15⅞	15⅞	— ⅛
18⅛	18	Insil pfA1.75			18	18	18	
38½	24⅜	InspCop	681	8	35½	35¼	35¼	— ⅛
39⅛	37¾	InstInvTr		6	38½	38½	38½	— ⅛
46	26½	Interco 1.80	8	23	41¾	41¾	41¾	— ⅛
9½	5¾	IntercIDiv	7	3	8¼	8¼	8¼	
29⅛	22¾	Interlak 2.20	5	10	35½	35½	35½	
268½	255	IBM 10	17	692	271	270¾	271	— ⅛
19⅞	18½	IntFlavF .44	20	97	20¾	20¾	20¾	— ⅛
37⅛	29⅞	IntHarv 1.05	9	158	35¾	35¼	35¼	— ⅛
44⅝	39⅞	IntMinC 2.40	7	66	43⅛	42⅞	43	— ⅛
29⅞	23⅝	IntMng .20	9	72	28½	28½	28½	— ⅛
22⅝	16¾	IntMulti .85	7	20	17⅞	17⅞	17⅞	
69⅛	51½	IntPaper 2	11	192	58	57	58¼	— ⅜
5⅝	5¼	IntRec 11 .20			5⅝	5⅝	5⅝	
34½	32½	IntTT 1.76	11	493	33¾	33⅜	33⅜	— ⅛
98½	85⅝	IntTT pfJ 4		10	86½	86½	86½	— ⅛
58⅛	53½	IntTT pfK 4		12	55⅞	55⅞	55⅞	— ⅛
65⅛	62	IntTT pfO 5			62¼	62¼	62¼	— ⅛
41⅜	33	IntTT pf 9.25		260	40½	40	40⅛	+ ⅛
62	59¼	IntTT pf 4.50			61½	61½	61½	— ⅛
30	28¼	Intrpce 1.65	7	12	31½	31½	31½	— ⅛

(Continued on next page.)

Toronto Stocks

Closing Prices, April 20, 1977

	High	Low	Last	Chg
730 Celanese	350	350	350	
1700 Chieftan D	$11⅞	11⅜	11⅜	— ⅛
25 CHUM	15¾	15¾	15¾	— ⅛
1350 C Holiday I	390	375	375	—10
4749 Con Bldg	265	264	265	
900 Con Distrb	305	300	305	
8908 Cons Gas	$14¼	14⅛	14⅛	— ⅛
5452 Con Ferdy	340	330	340	+15
200 Conwest	325	325	325	—10

NYSE Nationwide Trading (2 O'clock) April 20

(Continued from preceding page.)

— 1977 — High	Low	Stocks and Div	In $	Sls. P/E	100s.	High	Low	2 p.m. Quot.	Chg Prev. Close
88¾	76¼	InlnsceP	5		1	82	82	82	+ ¼
24⅞	20½	InfrpGp	1.60	3	7	33⅞	33⅛	33⅞	— ⅛
18	14⅜	InlrsPw	1.45	9	22	17¼	17⅛	17⅛	— ⅛
27¼	24½	InPw pf	2.28		2100	25	25	25½	
6¾	5	InlrstUn	.24	22	14	6¼	6⅛	6⅛	
26½	19¾	IowaBf	.50	4	32	24¼	24	24¼	
17¾	15¾	IowaEl	1.49	9	18	16½	16⅜	16⅜	
23⅜	20⅛	IowaIlG	1.84	9	14	21⅞	21½	21½	— ⅛
29	26½	IowaIl	pf2.31		200	29	29	29	
25⅞	24⅞	IowaPL	2.10	8	12	25⅝	25¼	25¼	
22⅝	20⅝	IowaPS	1.80	10	32	22¼	22		
4¾	4⅝	IpcoHos	.05e	8	1	4⅝	4⅝	4⅝	+ ⅛
8⅝	14	ItekCp		1	17	14¾	14½	14½	+ ⅛
18⅝	12⅝	ItelCp	.20	5	305	13½	12¾	13⅛	— ⅜

J - K

18⅞		JamesF	.50	11	5	19½	19½	19½	+ ⅛
10⅝	10⅜	Janzen	.80	6	1	10⅝	10⅝	10⅝	
10⅜	8¼	JapanF	.93e		1	8⅞	8⅞	8⅞	
22⅝	20½	JeffPilot	1.80	10	28	22	22	22	— ⅛
28⅜	26½	JerC pf	2.36		2100	28¾	28¾	28¾	+ ⅛
14⅝	12⅜	JerC pf	1.50		230	13⅜	13⅜	13⅜	
25⅝	22⅝	JewelC	1.20	7	14	23½	23½	23½	— ⅛
4⅜	3¼	Jewelcor		8	10	3¾	3¾	3¾	
27¾	27¾	JhnMan	1.40	13	157	36¾	34⅞	35⅝	+ 1
7⅜	6⅝	JohnsJn	1.60	19	315	68	67⅜	67⅝	+ ¾
17	9¼	JohnsEF	.80		7	9	9	9	
43⅛	26⅝	JohnCn	1.40	11	100	42⅝	41¾	42⅛	— ⅛
15⅝	13	JonLogn	.60b	6	27	13⅞	13⅝	13⅝	— ⅛
25⅝	19⅝	Jorgen	1	7	12	24¾	23⅝	23⅝	
22½	18¾	Josfens	.80	11	21	22	22	22	
49	40½	JoyMfg	1.30	13	221	49¼	48½	49⅛	+ ⅜
2¼	1⅝	JusticeM			1	1¾	1¾	1¾	
29¾	24	KLM Air			1	26½	26½	26½	+ 1
36½	32½	KaisrAl	1.20	14	21	35¾	34⅝	36¼	
33	33	KaisrAl	wd		90	36	33⅝	36	
9⅞	9⅛	KaisCem	.20	10	16	9¾	9⅝	9⅝	
15⅛	12⅝	KaiCe pf	1.37		1	13⅛	13⅛	13⅛	+ ⅛
8⅞	8⅛	KaneMil	.20		6	60	60	60	
38⅜	27⅝	Kaneb		12	67	37⅝	36⅜	36⅜	— ⅜
28⅝	26⅛	KCPL	2.46	8	36	28⅛	28	28	— ⅛
37⅞	27¼	KCSouln	1.20	10	36	28⅜	28	28⅛	— ⅛
22½	19⅜	KanGEI	1.76		17	20½	20⅛	20⅛	
24⅛	20	KanNb	1.48	9	29	23⅜	23¼	23⅜	
28⅞	19⅞	KanPL	2.20	7	36	20⅞	20⅝	20⅝	
29⅞	27½	KanPL	pf2.25		2	29	29	29	
7⅜	6½	KarPind		3	38	6¾	6¾	6¾	
22	16⅝	Katy pf	1.46		9	19½	19½	19½	
8¾	7¾	KaufBr	.04e	12	138	8¼	8	8¼	+ ⅛
18⅛	17¾	Kauf pf	1.50		3	18⅛	18⅛	18⅛	
20⅝	15⅝	Kaweckl		9	3	18⅞	18½	18⅞	
10⅜	9¼	Kecne	.20	10	72	10¼	10	10¼	— ⅛
28⅜	25⅜	Keller	.30	10	208	28⅛	27¾	28	+ ⅛
27⅞	22⅞	Kellogg	1.10	15	175	26	25⅝	25⅞	+ ⅛
14		Kelsed	.92	5	13	14⅜	14	14⅜	+ ⅛
28	23¼	Kennmtl	.95	11	10	27¼	27	27	— ⅛
30⅞	25⅝	Kennct	.60e	102	124	27⅞	27⅝	27⅝	— ⅛
23½	21½	KyUtil	1.84	6	26	23	22⅝	22⅝	
12⅝	9⅞	KerrGls	.40	25	15	13⅜	13⅜	13⅜	— ⅛
74½	59⅜	KerrMc	1.25	13	208	66¼	65⅝	66	+ 1
19⅛	16⅞	KeystCon	1a	6	1	18½	18½	18½	— ⅛
35⅜	27⅛	KiddeW	1.20	6	33	26⅝	26	26⅛	+ ⅛
47½	36⅝	Kidde pfB	4		1	48½	48½	48½	+ ⅛
50½	45¼	Kidde pfC	4		3	48½	48½	48½	+ ⅛
45¾	40¼	KimbCl	2.20	8	71	45⅝	44¾	44¾	— ⅛
23⅜	19⅜	KingDSt	.80	8	23	19⅝	19⅜	19⅜	
20¾	15¾	Kinsch	.90	15	6	15¾	15	15	
38⅜	37½	KnigtRd	.72	11	6	38⅜	38⅛	38⅛	— ⅛
19⅞	14⅜	Koehrin	.50e	6	45	15¾	15⅜	15⅝	
26⅞	21⅞	Koppers	.90	11	244	23½	23⅛	23½	+ ⅛
7⅝	6¾	Koracrp		4	1	6⅝	6⅝	6⅝	
47⅜	43⅜	Kraft	2.32	9	51	46⅝	46¼	46⅝	+ ⅛
45⅜	37⅛	KresgeS	.60	15	325	42⅜	42	42⅛	— ⅛
14⅜	13⅜	Kroehlr	.25e	19	1	14⅛	14⅛	14⅛	
27½	22½	Kroger	1.44	7	14	25⅞	25⅝	25⅞	— ⅛
29	23	Kubota	.42r	20	20	28¾	28¾	28¾	

L

8⅜	6¼	LPE Cp		20	18	6¾	6¼	6¼	+ ⅛
15⅝	10⅛	LTV Cp		4	142	10⅝	10⅛	10⅛	
15	14¾	LTVA	.25i		2	14⅞	14⅞	14⅞	— ⅛
54½	50	LTVCp	pf 5		1	50⅝	50⅝	50⅝	+ ⅛
24⅜	19⅝	LacGas	1.66	7	5	20⅛	20⅛	20⅛	
7¼	6	LaneBry	.80	15	9	13⅜	13	13	+ ⅛
11⅜	9¼	LawrnCh	.40	15	26	9⅝	9⅝	9⅝	— ⅛
16⅜	13⅝	LearSieg	.50	7	69	15⅞	15⅝	15⅝	
31⅞	27	Leasco	1.24	3	6	28¾	28¾	28¾	+ ⅛
25⅞	22½	LeasdN	.60b	7	68	23⅝	23⅜	23⅝	
23⅝	17	Leasona	.75	7	14	22⅝	22⅜	22⅜	— ⅛
18⅞	15⅛	LetzPCi		12	253	16⅝	16⅛	16⅛	
1¾	1⅜	LehVally		10	21	1⅝	1⅝	1⅝	+ ⅛
16	10⅜	Lehmn	1.25a		49	11	10⅞	10⅞	— ⅛
7⅜	5⅝	Lenser		28	70	7¼	7¼	7¼	— ⅛
28	28¼	Lenox	7	9	14	28¾	28⅜	28⅜	+ ⅛
7½	6¾	LesFay	.40b	6	4	6⅞	6⅞	6⅞	
13⅝	11¾	LevFdC			42	12⅝	12	12	— ⅛
19⅛	15⅞	LevFln	.36a	3	3	15⅝	15⅝	15⅝	
30⅜	25⅝	LevStra	.80	6	60	27½	27¼	27⅜	+ ⅛
6¾	4¾	LevitzF		12	161	4⅞	4⅝	4⅝	
37⅜	31	LOF	1.80a	7	85	33⅜	33⅜	33⅜	+ ⅛
71¾	64	LOF	pf 4.75		2	65½	65½	65½	
19⅝	16	LibrtyCp	.52	6	47	19	18⅝	18⅞	
3½	2⅞	LibrtyLn			27	3⅜	3⅜	3⅜	
7¾	6¼	LibrtyLn	pf		7	7¾	7¾	7¾	+ ⅛
33⅛	31¾	LigstGp	2.50	9	22	32⅝	32⅜	32⅝	— ⅛
92½	85	Ligot	pf	7	210	89	89	89	
49¾	40	LillyEli	1.42	14	197	49⅝	49¼	49⅝	
36½	31⅝	LincNat	1.60	9	31	34¾	34½	34⅝	— ⅛
19⅝	16¼	LincPf	2.72a		10	19½	19½	19⅝	— ⅛
3	2¼	Lionel		6	14	2½	2⅜	2⅜	
18⅜	12⅜	Lltonin	2at	12	92	14⅝	14⅜	14⅜	
47¾	36⅛	Litton	pf	3	1	41	41	41	+ ⅛

— 1977 — High	Low	Stocks and Div	In $	Sls. P/E	100s.	High	Low	2 p.m. Quot.	Chg Prev. Close
19	9¼	Lockhd		3	48	9⅝	9¼	9⅜	— ⅛
19⅞	16¾	Lochte	.16	12	22	17	16¾	17	+ ⅛
37⅜	32½	Locvns	1.20	16	87	34⅛	33⅝	34	— ⅛
10⅝	8½	LomaFin	.50	9	22	9¾	9½	9⅝	
16½	14	LomM	.91e	17	3	16⅛	15¾	15¾	+ ⅛
20¾	19⅜	LonStar	1.10	9	21	21⅜	21⅛	21⅜	— ⅛
19¼	17⅜	LngIsLt	1.63	7	74	18⅝	18¼	18⅜	
121¼	125	LIL pfN	15		200	127½	127½	127½	
28	26¾	LIL pfP	2.43		4	27¼	27⅛	27⅛	— ⅛
28	26¾	LIL ptO	2.47		71	27⅝	27⅛	27⅛	+ ⅛
33½	25	Longbr	.48	16	124	25⅝	25	25⅛	+ ⅛
17½	13½	LoralCp	.40	7	11	15¾	15½	15½	
51¾	36½	LaLand	1.20	10	335	39¾	37⅝	38¼	+ ⅛
16⅛	14¼	LaPacif	.20b	14	109	16⅛	16⅛	16⅛	
27½	24⅛	LouisGs	1.92	9	20	25¼	25⅜	25⅜	
15	11⅝	Lowenst	.60	6	22	14⅝	13⅝	14¼	— ⅛
37⅜	30⅝	Lubrizol	1.10	13	13	31⅞	31⅝	31⅝	— ⅛
16½	14¾	LuckyS	.65b	12	46	14⅝	14¾	14⅝	— ⅛
8⅝	7⅜	Luctow	.40	10	56	8¼	8⅛	8¼	+ ⅛
34	25⅝	LukenSt	1.60	9	8	32½	32	32	— ⅛
14	10⅞	Lykes	.40	M	41	11½	11	11⅛	+ ⅛
35¾	28⅝	Lykes	pf2.50		14	29⅞	29¾	29¾	+ ⅛
9	6¼	LynCSys	.30	10	13	8	7⅝	8	+ ⅛

M

13¼	10	MBPX	.40a	4	1	10⅝	10⅝	10⅝	+ ⅛
42¾	34⅛	MCA	1b	7	175	37	36⅝	36¾	
5¼	4	MEI		5	19	4⅛	4⅛	4⅛	— ⅛
21½	13½	MGIC	.20	14	148	15¾	15⅝	15¾	
6⅞	4⅝	MacDon	.10e	4	7	5⅛	5⅛	5⅛	+ ⅛
6⅜	5¾	Macke	.36	6	7	6	6	6	
10⅛	8½	Macmill	.50	7	9	9¼	9⅛	9⅛	— ⅛
37	21¾	Macy	1.20	7	49	34½	34⅛	34⅝	— ⅛
55	51	Macypf	4.25		2110	53	53	53	— ½
13⅛	11¾	MadsFd	.77e		158	12¾	12¾	12¾	+ ⅛
10¼	5	MadSqG		10	2	9½	9½	9½	— ⅛
17⅞	9	MagicCf	.40	8	121	16⅝	16⅛	16⅜	— ⅛
40¾	35	Mallory	1	16	115	40¼	40¼	40¼	+ ⅛
23¼	22⅝	Malonfl	.60	4	29	23¼	23	23	
9¼	7¾	Manfin	.20b	4	11	9	8⅞	9	+ ⅛
39⅛	36⅛	MfrHan	1.92	8	238	38½	38	38⅜	— ⅛
47⅝	43¼	MAPCO	1.10	16	132	47	46¾	46¾	— ⅛
14⅞	12	MaratM	.50	4	270	16	15	15	
59	51½	MaratO	2.20	8	61	52⅞	52⅜	52⅜	
39	16⅝	Maremn	.60	7	20	19⅞	19	19	
17¼	14	MarMid	.40	12	31	15⅝	15⅜	15⅜	
15⅝	13⅜	MarionL	.52	11	49	14	13⅝	13⅝	— ⅛
56¼	45⅞	Marley	1.20	8	54	54¼	54¼	54¼	+ ⅛
14	9⅝	Marriot	.25i	11	177	9⅞	9¾	9¾	+ ⅛
60⅜	53½	MrshM	2.40	17	60	59¾	59¾	60	+ ⅛
23	17⅞	MarshF	1.24	9	82	18⅛	18	18	
26⅝	23⅛	MartMa	1.40	8	30	25¼	25¼	25¼	+ ⅛
30⅜	20	MarryK	.40	12	14	24⅝	24⅜	24⅜	
28⅛	24½	MrldCu	.66b	6	6	25	24⅝	25	
26⅝	19⅛	MascoCp	.28	12	204	21⅛	21⅛	21⅛	— ⅛
24½	18¾	Masonit	.60	12	34	19⅝	19½	19½	
14⅝	12¼	MasM	1.14e	13	8	13⅞	13⅞	13⅞	
22⅝	17⅜	MassyF	1a		4	18	21	20⅞	
18¾	15⅝	MasCp	1.52		15	16½	16⅜	16⅜	— ⅛
28¾	21⅝	MatsuE	.29e	10	1	22¼	22¼	22¼	— ⅛
6¾	5	Mattel		7	1650	6¾	6¾	6¾	
22⅛	24½	MayDSt	1.76	8	128	25	24⅝	24⅞	— ⅛
26	24⅜	MayerO	.80	10	12	24¼	24	24⅛	
3⅝	3	MaysJW			12	3⅜	3⅜	3⅜	
36⅜	28¾	Mayrg	1.50a	13	40	31⅝	31½	31½	+ ⅛
18¼	15	McCord	.84	7	319	18½	18¼	18¼	+ ⅛
55⅛	43¼	McDer	1.60	4	209	53½	52⅝	53⅛	+ ⅛
53⅞	39⅝	McDnld	.10	16	589	42¼	41⅝	42¼	+ ⅛
24¼	19¾	McDonD	.50	7	87	19⅞	19⅛	19⅞	
23	18⅛	McDonn	.90	6	5	18⅞	18⅛	18⅞	+ ⅛
30	28⅛	McGEd	1.60	9	17	30⅛	30	30⅛	+ ⅛
17¾	15⅜	McGrwH	.80	10	37	17¼	17⅛	17⅛	+ ⅛
29	27⅛	McGH pf	2.20		2	28	28	28	
18⅞	15⅞	McKee	.90	7	89	19⅜	18¾	19⅛	+ ⅛
25⅛	20½	McLean	.46	7	9	21¼	20⅞	21⅛	— ⅛
18½	13⅜	McLout	1.20	7	195	13⅝	13	13⅛	— ⅛
12½	10¼	McNeil	.80	6	12	11⅝	11⅝	11⅝	— ⅛
24	18⅝	MeadCp	.92	6	331	23	22	22	— 1
30⅜	27½	Medusa	1.60	8	20	30	29⅞	30	
27⅝	24	MelvlM	.96	9	55	26½	26½	26½	
34	26¾	Memasc	.90	9	32	29¾	29⅜	29¾	+ ⅛
46	38⅝	MercSh	.80	8	162	39	38¾	39	— ⅛
68⅝	54	Merck	1.50	16	482	54½	54¼	54½	— ⅛
20¼	19¾	Meredith	.88	5	2	19⅞	19⅞	19⅞	
25½	17¾	MerrLyn	.88	9	259	18⅜	18⅛	18⅜	
39¾	31	MesaPet	.10	17	475	38½	38½	38½	
40½	33⅝	MesP	pf 1.60		40	35⅝	35⅝	35⅝	— ⅛
15¾	8¾	Mesabi	1.32e	10	129	13⅝	13⅜	13⅝	+ ⅛
20¾	16	MGM	1r	8	245	20	19⅞	19⅞	— ⅛
32½	27⅞	Metrom	1.10	7	55	31⅛	30⅞	31⅛	+ ⅛
44½	42	MtE	pfC3.90		2300	43	43	43	+ ½
88¾		MtE	pfG7.68		250	86	86	86	
93¾	86½	MtE	pfH8.32		2140	93¼	93	93¼	+ 1
17½	13⅞	McHGs	1.20b	8	5	15⅝	15⅛	15⅜	— ⅛
30	23½	MhWI	pf2.67		3	29⅞	29⅝	29⅝	
25	23¼	Mcrcnw	.40	11	1	23⅝	23⅝	23⅝	
19⅜	16	MidCt	0.16	8	86	16¾	16⅝	16¾	+ ⅛
17⅝	15⅝	MidSUt	2.38	9	296	16¾	16¾	16¾	
1⅞	1⅝	MidlndM			2	1¼	1¼	1¼	
33⅜	28⅞	MidWRo	1.60	7	79	30⅝	29⅝	30⅛	
26¼	22	MilesLb	1.28	8	25	25	25	25	— ⅛
14⅝	10⅛	MiltBrad	.60	6	42	11⅝	11⅝	11⅝	— ⅛
23¾	21¼	MinnGs	2.72	7	2	21⅝	21⅝	21⅝	+ ⅛
37	28¼	MinMM	1.70	16	161	30⅝	30⅛	30⅜	+ ⅛
22¼	20¼	MinnPL	1.76	8	15	21⅝	21⅜	21⅝	
19½	16¾	MissnEq	.48	7	10	18½	18⅜	18½	+ ⅛
46	39⅝	MPacC	1.80	7	289	43½	43¼	43½	+ ⅛
29	27½	MoPtCe	1.60	8	17	27⅞	27¾	27¾	+ ⅛
17¾	15⅜	MoPSv	1b	8	9	17¼	17¼	17¼	
27⅜	25⅛	MoPS	pf2.44		2	25⅝	26½	26½	
71	62	Mobil	3.80	7	259	66⅝	65⅝	66¼	+ ⅛
4¾	2⅞	MobileH			5	3⅛	3	3	
19¾	14⅜	Mohasco	.90	8	12	15¾	15¼	15¾	
7¼	5	MohkDta		17	63	5½	5¼	5⅜	— ⅛

— 1977 — High	Low	Stocks and Div	In $	Sls. P/E	100s.	High	Low	2 p.m. Quot.	Chg Prev. Close
22⅜	19⅝	MohkR	1.20	4	8	22⅛	22⅛	22⅛	— ⅛
52⅝	36¼	Molycp	1.20	9	188	50⅛	49¾	50¼	+ ⅛
23¾	24½	Monrch	1.70a	5	3	25¾	25⅜	25⅝	— ⅛
15⅜	12⅜	Monogr	.28	6	16	13¾	13¼	13⅜	+ ⅛
12¼	8¼	MonrEq	.20	20	77	8¾	8¾	8¾	
88⅞	73⅜	Monsan	2.80	8	280	80⅝	80	80⅞	+ ⅛
41½	35⅝	MonDU	2.40	8	29	41¾	41⅛	41⅜	+ ⅛
28¾	24	MonPw	1.80	10	56	25⅜	25¼	25⅜	+ ⅛
23⅜	22	MonSt	1.80a		24	22⅞	22⅝	22⅞	+ ⅛
11⅝	10	MONY	.96a	13	31	11⅝	11	11	— ⅛
52⅞	41½	MooreM	1.35	6	22	52⅛	52¼	52⅛	
56⅜	48⅜	Morgan	2	10	176	49⅞	49⅝	49⅞	+ ⅛
27	21¾	MorKnu	1.10b	5	29	26⅝	25⅞	26¼	+ ⅛
13⅛	9⅝	MorseSh	.50	4	15	10½	10⅛	10⅜	
4⅞	3⅝	MtgTrAm			5	4	3⅞	4	+ ⅛
22¼	16¾	MorNor	.88	8	56	20⅝	20	20	
56⅞	43½	Motorola	.84	15	167	45¼	44¾	44⅞	— ⅛
48⅜	38⅛	MtFuel	2	11	25	42¾	42¾	42¾	— ⅛
28	24⅛	MtStTel	1.88	9	23	26¼	26	26⅛	+ ⅛
9⅝	7¼	Munford	.40	6	1	8⅛	8⅛	8⅛	
18½	16	Munsng	1.08	12	7	16¾	16⅝	16¾	
26⅛	17⅞	MurphC	1.20	7	10	18⅞	18⅝	18⅝	
32⅛	27⅜	MurpOil	.80	8	98	32⅛	31¾	32⅛	+ ⅛
22¾	19¾	MurryO	1.20	9	31	24	23	23¾	+ 1
17	15⅝	MurrOm	1.32		6	16	16	16	
12¾	9	MyersL	.40	39	61	12¾	12¼	12¾	+ ⅛

N

33⅜	23¾	NCR	.80	9	680	35	34⅝	34¾	+ ⅛
23¾	19⅜	NLind	1.20	9	225	21¾	21¼	21⅝	
24¼	20¾	NLT	.76	7	129	22¾	22¼	22¾	+ ⅛
6⅜	6⅛	NVF	2.45t	7	138	6⅛	6⅛	6¼	
51⅛	45¼	Nabisco	2.32	10	31	49⅞	49⅝	49⅞	+ ⅛
34⅝	27¼	NalcoCh	.96	13	185	28¾	28⅛	28⅝	
14⅝	12	NarcoSci	.40	7	12	12¾	12¼	12½	+ ⅛
19	15⅝	NashuaC	.68	10	92	18⅜	17¾	18	+ ⅛
13⅝	10⅞	NatAirl	.50	16	7	10⅞	10⅝	10⅞	+ ⅛
14⅝	14½	NAvia	.47e		41	16	16	16	
14⅝	12¼	NatCan	.57	6	12	13⅞	13⅜	13⅞	+ ⅛
22⅛	15¼	NtChem	.48	11	2	17	17	17	+ ⅛
12⅜	8⅜	NtCityL	.45e	9	8	11⅛	11	11⅛	
27¾	25⅝	NatDetr	1.60	7	11	25⅝	25⅝	25⅝	
27¾	23½	NatDist	1.60	7	110	25⅝	25¼	25⅝	
29⅛	25¾	NatFG	2.16	6	32	28⅞	28½	28½	+ ⅛
27¾	25¾	NtFG pf	2.30		2	26	26	26	+ ⅛
17⅜	15¼	NatGyp	1.05	11	56	17⅛	17	17⅛	
5¾	4¾	NatHorn			48	4⅞	4⅞	4⅞	
5¾	4¼	Natlnd	.30	4	48	6½	6⅜	6⅜	
11½	10⅝	Nlind	pf .68		1	10⅝	10⅝	10⅝	— ⅛
14⅜	13⅜	Nlind	pf 1.25		1	13½	13½	13½	
26⅞	17¼	NMdCr	.24	10	62	20	19⅝	19⅞	+ ⅛
15⅝	12⅜	NMedE	.40	6	39	15¼	14⅝	14⅝	+ ⅛
25¾	20	NMineSv	.56	13	179	26	25⅛	25⅛	
57⅞	46¼	NatPrsto	2	7	77	50¾	50⅛	50⅛	+ ⅛
28⅜	16½	NtSemic		21	663	19⅝	19	19⅜	
19⅛	13⅜	NSwind	.82	15	15	14⅝	14⅛	14⅛	— ⅛
27¾	21	NStand	1.84	8	2	17⅜	17⅜	17⅜	— ⅛
51	46	NStarch	1.08	12	26	46¼	45¾	45⅞	— ⅛
45⅜	41	NatSti	2.50	9	79	41⅜	41⅛	41⅜	— ⅛
43⅜	33¾	Nat Tea			11	41¾	41¾	41¾	
45⅛	23¾	Natoma	1.40	5	318	40¾	40¾	40¾	+ ⅛
27⅞	27¼	Natom	pf1.60		489	27⅝	27⅜	27⅜	— ⅛
16	13½	Neptune	.50	11	7	15⅝	15⅜	15⅝	— ⅛
25	22¼	NewPw	1.76	7	25	22⅝	22⅝	22⅝	
19	17¾	NewPw	pf 1.90		210	18	18	18	
20⅝	19	NewP	pf 1.74		2100	19½	19½	19½	+ ⅛
25⅜	23½	NewP	pf 2.30		2320	24¾	24½	24½	— ⅛
23	21	NewP	pf 1.95		3	21½	21½		

هكذا من الأصل

an Markets

's closing prices
l currencies)

Glaxo Gr	4.75
Gold Fields	1.65
Gt Un St	2.17
Guinness	1.35
Hawker-Sidd	5.42
Hudson Bay	12 ⅝
Imp Chem	3.50
Imps	0.74
Mark&Spen	1.15
Metal Box	2.92
Nichols	0.67
Plessey	0.67
Rand Mines	1.48
Rank Org	1.72
Royal Dutch	47.00
R.T.Z.	2.34
Shell	4.81
Thorn (A)	2.60
Tube Invest	3.92
Union Carb	2.00
Vickers	1.60
War L 5½	20 ⅛
West Deep	6.20
West Drief	16.75
West Hold	12.00
West Min	1.55
Woolworth	0.56½
ZCI	0.18½

Milan

Bastogi	640
ERBA	1,305
FiatMaretti	258
Fiat	1,825
Finsider	127
Generali	39,280
IFI	1,310
Italgas	622
Italsider	195
LaRinas	46.50
Montedis	291
Olivetti	1,008
Pirelli	1,022
Saia Visco	1,060

Paris

Air Liquide	314
Alimentaire	86.10
Aquitaine	273
BSN	396
Carrefour	1,205
Cim Lafarge	170.60
Cie Bancaire	251
CFP	101
CGE	232
OCF	92.80
Ferodo	222
Imétal	79.80
L'Oréal	739
Mach Bull	24.95
Michelin	1,049
Moet-Henn	360
Moulinex	172.40
Paribas	147
PUK	66.50
Penarroya	43.60
Perrier	89.80
Peugeot	224.80
Rh Poulenc	64.50
Sacilor	21
St Gobain	107
Suez	213
Télémécan	520
Thomson	155
Usinor	24.50

Zurich

Alusuisse	1,575
Buerlhe	2,170
B Boveri	1,470
Cibe Geigy	1,420
Cr Suisse	2,650
Fischer	695
HofRochN	8,575
Nestlé	3,490
Sandoz	4,610
Sté B Suisse	405
Sulzer	2,745
U.B. Suisse	3,225

: Summary

Most Actives

ril 28, 1977
, closing prices)

	Sales	Close	Ch
	478,100	30⅝	—1¼
	422,500	32½	—1½
	400,800	36¼	+ ⅜
	362,400	16⅝	+ ⅜
	305,600	38¾	+5⅛
	286,800	18⅛	—⅝
	279,700	27⅜	+ ⅜
	253,300	32	— ¼
	236,500	65½	+ ¼
	220,300	28	+ ⅜
	219,400	30⅛	+1⅛
	213,400	6⅝	+ ⅛
	213,100	52¼	— ⅛
	210,000	34⅛	—4⅝
	185,600	51⅝	+1⅜

	Today NYSE Close	Prev. Nations Close
ions)	25.09	19.51
	583	653
	539	805
	469	455
	1891	1913
	127	80
	51	48

nes Averages

High	Low	Close	Chg
948.69	933.43	942.99	+ 3.82
247.48	236.85	240.36	+ 2.73
108.83	107.71	108.26	— 0.06
316.42	311.40	314.59	+ 1.60

SE Index

High	Low	Close	N.C.
54.74	54.47	54.70	+0.20
59.40	59.10	59.32	+0.19
43.21	42.88	43.21	+0.42
40.66	40.46	40.66	+0.21
55.09	54.80	55.09	+0.25

rd & Poor's

	Close	N.C.
	111.33	+0.36
	53.86	+0.06
	11.59	+0.06
	15.02	+0.11
	109.40	+0.33

Trading in N.Y.

	Shares Buy	Sales	*Short
...	160,089	317,961	.954
...	154,460	297,884	1,017
...	156,896	267,352	584
...	169,885	332,268	2,969
..	162,278	270,999	1,731

are included in the sales

Most Actives

	Sales	Close	Ch
	204,900	77	+ ⅜
	169,600	27½	+ ⅛
	124,400	8⅛	+ ⅛
	110,400	18⅝	+ ⅛
	107,600	5⅜	+ ⅛
	93,800	44	— ⅛
	93,200	13	+ ½
	74,700	7⅛	+ ⅛
	74,300	17⅞	+ ⅛
	44,100	16⅛	+ ⅝
al			3,350,000
ago			2,766,245

ock Index:

	Close	Chg.
0	113.20	+0.80

ursday's
hs and Lows

NEW HIGHS— 127

oneywell	Pit Forging
Inds	Prod Rsrch
Inds pfA	RCA
ill Harv	RCA cv4pf
rgensn	Ranco Inc
ay Mfg	Raymondint
alsCem wd	Raytheon
C Soulnd	Relian Grp
aller Ind	RelGrp pfB
ibrtyLn pf	Republic Cp
xflow Cp	Rio Grande
allory	RioGran pf
arathn Mf	Robshw Con
arley Co	StLouSanF
attel Inc	SantaFe Ind
cCord Cp	SeaContain
cKee Co	SeabCst Lin
oPac Cp	Seatrain Lin
omDak Ut	Signal Co
oore McC	Signl 2.50pf
urphy Oil	Skil Corp
urry Ohio	SolaBasic
af Gypsm	Soo Line
rMineSv	Sperry Hut
orlin Corp	StudWorth
wst Ind	StuWor pfA
rwstln wt	StuWor pfB
wstInd pf	Tishm Rlty
KC Corp	Trinity Ind
ccIden Pet	UnPacCp
ccl 2.16pf	UnPacCp pf
ccl 3.60pf	UnitInd pf
ccidP 4pf	Unit Indust
gden Corp	Un Nuclear
gdenCp pf	USFidGty wi
hEd 8.20pf	Valley Ind
hEd 8.64pf	Warnr Comm
hPow 7.4pf	WarnC pfD
wens Corg	Wash GasLt
apercrft	WnPac Ind
ennaCo pf	WhitingCp
eter Paul	Wylain Ind

NEW LOWS— 51

Crespe SS	Std Brands
MeyerOsc	Sterl Drug
NoLouth Sil	zbeeam
NinnGas	Tandy Corp
Nartind pfA	Telecor
Nat Starch	UVIn 5.30pf
NewEng TT	UnEl 4.56pf
Newmont	Un Fidelity
Okla NGas	UnOil Cal
Overn Tran	UnOilCal pf
PSEG 5.28pf	Upjohn Co
Questor	Venice Ind
Rich Merr	VaEP 4.04pf
Scherg Plgh	Vulcan Matl
Sholtr 1.40pf	Wachov Cp
SouInd9E	WhlpPt 4pf
Soulhld Cp	

U.S. Commodity Prices

NEW YORK, April 20.—*Cash prices in primary markets as registered today in New York were:*

Commodity and unit	Weds	Year ago
FOODS		
Cocoa Accra, lb	*1.84	*.92
Coffee 4 Santos, lb	*3.25	*1.25
TEXTILES		
Printcloth 64-60 38½...yd	.37	.37½
METALS		
Steel billets (Pitts.), ton	240.0	212.0
Iron 2 Pdry, Phila., ton	310.19	213.92
Steel scrap No 1 hvy Phila	74-76	91-93
Lead spot, lb	.21	21-22
Copper elect., lb	74¾	70¾
Tin (Straits), lb	4.8138	3.5658
Zinc, E. St. L. basis, lb	.37	.37
Silver N.Y., oz	4.830	4.47
Gold N.Y. oz	149.50	127.35
COMMODITY Indices		
Moody's index		
April 20	349.7†	286.5*

†—Final.
*—Nominal.
‡—Revised.

NEW YORK EXCHANGE

April 20, 1977

SUGAR NO. 11 (50 tons)

	Open	High	Low	Close	Prev.
May	11.00	11.02	10.58	10.70	10.75
Jul	11.05	11.05	10.55	10.73	10.78
Sep	10.97	10.99	10.60	10.68	10.74
Oct	10.85	10.90	10.50	10.63	10.65
Jan	10.85	10.90	10.65	10.65	10.66
Mar	10.85	10.87	10.50	10.58	10.60
May	10.79	10.81	10.51	10.54	10.50
Jul	10.80	10.80	10.52	10.53	10.51
Sep	10.79	10.80	10.51	b10.57	10.56

Sales: 6,413
a-asked b-bid, n-nominal

COCOA (30,000 lbs)

COCOA (30,000 lbs)

May	161.25	166.25	161.25	163.45s	160.25	
Jul	158.50	162.15	158.25	158.60s	156.15	
Sep	154.50	158.00	154.00	154.00s	152.00	
Dec	144.50	148.50	143.50	144.00s	142.45	
Mar	137.25	141.50	139.10	140.07s	137.90	
Jul	133.20	133	20	133.20	132.80s	130.05

Sales: 1,253
s-setting.
Spot accra1.86

COPPER (25,000 lbs)

May	64.90	65.00	63.10	63.30s	65.60
Jul	65.90	66.00	64.10	64.30s	66.60
Sep	66.80	66.80	65.10	65.30s	67.60
Dec	67.70	67.90	66.40	66.60s	69.00
Jan	68.20	68.20	66.70	67.00s	69.40
Mar	69.00	69.01	67.70	67.30s	70.20
May	69.90	69.90	68.50	68.60s	71.00

Sales: estimated 8,563.
s-setting

COTTON, No. 2 (50,000 lbs)

May	75.80	76.45	75.65	76.10	76.50
Jul	74.20	74.50	74.00	74.40	74.61
Oct	71.75	72.80	71.40	72.65	72.00
Dec	67.70	68.75	67.50	68.45	67.90
Mar	68.15	69.25	68.15	69.10	68.45
May	68.95	68.95	68.95	b69.60	68.85
Jul	—	—	—	b69.50	68.90
Oct	—	—	—	b67.50	67.50

Sales: 4,850
a-asked, b-bid, n-nominal.

MAINE POTATOES (50,000 lbs)

May	10.00	10.00	10.00	10.00	10.00

ROUND WHITE POTATOES

May	10.00	10.03	9.82	9.88	9.96
Nov	5.68	5.72	5.65	5.70	5.65
Mar	6.90	6.95	6.88	6.95	6.90
Apr	7.61	7.75	7.61	7.75	7.69
May	8.95	8.95	8.88	8.96	8.88

Sales: 1,375.

ORANGE JUICE (15,000) lbs

May	79.65	80.90	79.65	80.90	79.90
Jul	80.50	81.90	80.50	81.60	80.45
Sep	80.35	81.70	80.35	81.70	80.40
Nov	80.55	81.90	80.55	81.90	81.00
Jan	74.90	76.90	74.90	76.90	75.40
Mar	74.00	75.25	74.00	b75.10	b74.25
May	74.25	75.45	74.25	75.45	b74.45
Jul	75.00	75.00	74.75	b75.10	b74.45

Sales: 750.
a-asked, b-bid, n-nominal

N.Y. SILVER (5,000 troy oz)

Apr	481.00	481.00	479.50	480.50	482.40
May	483.00	484.00	479.00	481.20	483.50
Jul	487.60	489.20	484.20	485.40	488.70
Sep	493.20	493.80	489.70	491.40	493.80
Dec	501.00	501.70	496.80	499.00	501.40
Jan	503.80	504.00	499.50	501.60	504.
May	514.30	514.50	512.00	511.90	514.30
Jul	517.00	517.80	517.00	517.00	519.40

Sales estimated: 7,900.
s-setting

GOLD (100 troy oz)

Apr	149.50	149.50	148.30	148.50s	150.30
Jun	150.60	150.70	148.80	149.20s	151.10
Aug	152.20	152.20	150.50	150.70s	152.60
Oct	153.80	153.80	152.00	152.20s	154.20
Dec	155.20	155.20	153.40	153.80s	155.80
Feb	156.60	156.60	155.00	155.55s	157.50
Apr	158.20	158.50	156.80	157.20s	159.20
Jun	160.50	160.50	158.60	158.90s	160.90
Aug	160.90	160.90	160.90	160.60s	162.60

Sales estimated 2,861.
s-setting.

CHICAGO FUTURES

April 20, 1977

WHEAT (5,000 bu)

	Open	High	Low	Close	Prev
May	2.69½	2.69½	2.66½	2.68	2.70
Jul	2.77¾	2.77¾	2.74½	2.76½	2.78
Sep	2.85½	2.85½	2.82¼	2.84½	2.85½
Dec	2.95½	2.96	2.92½	2.94¼	2.96
Mar	3.05	3.05	3.01½	3.03¾	3.05
May	3.11	3.11	3.08	3.08¼	3.11

CORN (5,000 bu)

May	2.57¾	2.57¾	2.56½	2.57	2.58
Jul	2.61½	2.61½	2.59¾	2.60¼	2.61¾
Sep	2.62½	2.63½	2.61½	2.62	2.63¾
Dec	2.66½	2.66½	2.64¼	2.64¾	2.67
Mar	2.73¾	2.74¼	2.72¼	2.73	2.74½
May	2.77	2.77½	2.76	2.77½	2.80

SOYBEANS (5,000 bu)

May	1034¼	1034¼	998	1029	993½
Jul	1000	1020	985	1020	1005
Aug	984	997	960	997	976½
Sep	831	838	820	830	831
Nov	740	741	726	732	736½
Jan	741	744	730	737	740½
Mar	742	748	735	741	745½
May	735	749	735	742½	748
Jul	741	749	738	742½	750

SOYBEAN OIL (60,000 lbs)

May	29.45	30.27	29.00	30.27	29.90
Jul	29.65	30.40	29.00	30.40	29.35
Aug 1	29.70	30.23	29.00	30.23	29.20
Sep	28.40	29.10	27.90	29.10	28.10
Oct	27.25	27.97	26.65	27.97	26.85
Dec	26.50	27.35	26.01	27.35	26.30
Jan	26.10	27.10	25.70	27.10	26.10
Mar	25.80	27.10	25.75	27.10	26.10
May	25.75	27.00	25.75	27.00	26.00
Jul	25.80	26.90	25.80	26.90	25.90

SOYBEAN MEAL (100 tons)

May	298.00	298.00	288.00	293.00	291.00
Jul	299.00	299.00	287.60	293.50	294.00
Aug	294.00	294.00	284.50	289.00	290.00
Sep	243.00	244.00	238.00	242.00	242.00
Oct	215.00	215.00	207.80	211.00	211.00
Dec	199.00	200.00	194.00	198.00	196.50
Jan	199.00	199.00	194.00	197.00	194.00
Mar	198.00	198.00	194.00	194.00	194.00
May	195.00	196.50	194.50	196.50	197.00
Jul	197.00	197.00	194.00	196.50	197.20

SILVER (5,000 troy oz)

Apr	483.00	483.00	480.50	481.50	483.70
May	482.50	482.50	480.50	481.50	484.00
Jun	485.50	486.80	482.00	484.50	486.50
Aug	491.00	492.00	487.00	489.50	491.50
Oct	496.00	497.00	493.00	493.50	496.50
Dec	501.80	502.00	497.00	499.50	501.50
Mar	507.00	507.00	502.20	504.50	511.50
May	512.00	512.00	507.50	509.50	516.50
Jul	516.50	517.00	513.00	514.50	516.50
Aug	520.20	520.90	518.00	519.80	521.50
Oct	524.50	525.00	523.00	524.80	526.60

LIVE BEEF CATTLE (40,000 lbs)

Apr	41.70	41.85	40.40	40.40	41.95
Jun	44.60	44.75	43.90	44.25	45.30
Aug	44.40	44.50	43.75	43.95	44.90
Oct	43.90	44.15	43.70	43.75	44.40
Dec	45.10	45.20	44.80	44.90	45.47
Feb	45.25	45.25	44.80	44.90	45.45
Apr	45.60	45.75	45.25	45.47	45.95
Jun	46.90	46.90	46.65	46.70	47.15

Sales: April 740; June 8508; Aug 4744; Oct 1356; Dec 750; Feb 155; April 30; June 7.
Open interest: April 1008; June 21972; Aug 17668; Oct 7613; Dec 4318; Feb 2330; April 890; June 145.

LIVE HOGS (30,000 lbs)

Apr	37.70	38.50	37.40	38.50	38.00
Jun	42.60	42.75	41.97	42.25	43.30
Jul	44.65	44.75	44.10	44.50	45.00
Aug	43.75	43.80	42.92	43.15	44.10
Oct	39.38	39.75	39.38	39.20	40.05
Dec	39.30	39.50	39.05	39.05	b39.97
Feb	39.55	40.10	39.55	39.95	40.12
Apr	38.60	38.60	38.32	a38.52	n38.50
Jun	—	—	—	a40.15	n40.20

Sales: April 264; June 2139; July 1125; Aug 496; Oct 252; Dec 92; Feb 147; April 2; June 0.
Open interest: April 287; June 5311; July 3956; Aug 2121; Oct 1506; Dec 399; Feb 138; April 41; June 2.

SHELL EGGS (22,500 doz)

Apr	47.75	49.00	46.15	49.00	48.15
May	48.40	48.75	47.90	47.90	a48.80
Jun	51.75	51.95	50.50	50.50	52.10
Jul	53.50	53.50	52.55	53.00	54.10
Sep	59.40	59.40	57.55	58.25	59.50
Dec	—	—	—	b62.20	62.10

Sales: April 110; May 84; June 88; Jul 4; Sep 84; Dec 0.
Open interest: April 132; May 628; June 315; Jul 92; Sep 378; Dec 4.

PORK BELLIES (36,000 lbs)

May	61.50	61.85	60.55	60.70	62.50
Jul	61.85	62.15	61.10	61.35	62.50
Aug	59.80	60.00	59.65	59.70	60.70
Feb	58.50	58.70	57.90	58.05	58.80
Mar	56.00	58.10	57.40	a57.45	a57.90
May	58.50	58.50	57.90	a57.90	b58.40

Sales: May 1866 July 2289; Aug 525; Feb 153; March 65; May 1.
Open interest: May 3268; July 5744; Aug 1937; Feb 581; March 137; May 93.
b—Bid; a—Asked; n—Nominal
0420 1430pes

London Metal Markets

April 20, 1977

	Today Bid-Asked	Previous Bid-Asked
Copper wire bars:		
Spot	808.50-809	832.50-833
3 months	822 - 822.50	856.50-857
Cathodes: Spot	800 - 802	826 - 827
3 months	822 - 823	849 - 850
Tin: Spot	5,555 -5,560	5,620 -5,630
3 months	5,675 -5,680	5,740 -5,750
Lead: Spot	369 - 370	377.50-378
3 months	375 - 376	383.50-384
Zinc: Spot	370 - 371	379.50-380
3 months	382 - 388	391.50-392
Silver: Spot	279.40-279.70	283 - 283.60
3 months	286.20-286.40	290.30-290.50

London Commodities

April 20, 1977

	High	Low	Close (Bid-Asked)	Previous Close
SUGAR				
Aug	152	151	153 -153.25	154.70-154.75
Aug	155.50	151.50	154.25-154.35	154.85-155
Oct	156	152	154 -154.20	155.60-156
Dec	157	153	155 -155.25	156.50-156
Mar	159.50	155.50	157.50-158	158.80-159
May	159	156.75	158 -158.25	159 -160
Aug	161.50	158.50	160.75-161	161 -161.60

Lots: 8,575.

COCOA

May	2330	2222	2256 -2292	2273 -2275	
Jul	2190	2105	2170 -2172	2145 -2146	
Sep	2095	2015	2085½-2086	2058 -2059	
Dec	1980	1910	1973 -1974	1949½-1950	
Mar	1920	1870	1917 -1920	1895 -1900	
May	1870	1840	1867 -1873	1850 -1860	
Jul	No trade		1829 -1830	1800 -1808	

Lots: 4,086.

COFFEE

May	3985	3840	3885 -3895	3930 -3945	
Jul	3985	3900	3964 -3969	4000 -4010	
Sep	3995	3925	3975 -3980	4048 -4050	
Nov	3980	3925	3976 -3980	4048 -4049	
Jan	3985	3947	3980 -3990	4050 -4060	
Mar	3965	3955	3990 -4000	4050 -4070	
May	3985	3965	3990 -4000	4050 -4070	

Lots: 3,460.

Paris Commodities

April 20, 1977

	High	Low	Close (Bid-Asked)	Ch.
SUGAR				
Jul	—	—	1,265-1,295	—35
Aug	1,342	1,335	1,350-1,355	— 5
Oct	1,365	1,346	1,360-1,365	—17
Dec	—	—	1,365-1,375	—10
Jan	1,383	1,360	1,362-1,370	—18
Jan	—	—	1,375-1,390	—11
Mar	1,425	1,402	1,405-1,415	—23
May	1,430	—	1,410-1,420	—18
Jul	1,415	—	1,415-1,430	—15

Lots: 52.

COCOA

May	2,050	1,975	2,012-2,018	+ 7
Jul	1,985	1,960	1,980 —	+10
Sep	1,900	1,846	1,877-1,880	+ 2
Dec	1,670	1,665	1,670-1,710	— 5
Mar	—	—	1,630-1,680	—
May	—	—	1,610 —	+10

Lots: 114.

Emminger Nomination Backed by Cabinet

BONN, April 20 (UPI).—The Cabinet approved the nomination of Otmar Emminger, 66-year-old vice-president of the Bundesbank, to succeed Karl Klasen, who will be 68 on Saturday and is retiring.

The Cabinet also approved the nomination of Karl Otto Poehl, 47-year-old state secretary in the Finance Ministry, to succeed Mr. Emminger as vice-president of the federal bank.

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CBS INC.

(CDRs)

The undersigned announces that as from 27th April, 1977, at Kas-Associatie N.V., Spuistraat 172, Amsterdam, div. cp. No. 13 of the CDR's CBS Inc., each repr. 10 shs., will be payable with Dfls. 10,39 net (div. per record-date 25.2.77; gross $0,50 p.sh.) after deduction of 15% U.S.A.-tax = $.75 = Dfls. 1.86 per CDR.
Div. cps. belonging to non-residents of The Netherlands will be paid after deduction of an additional 15% U.S.A.-tax (= $0.75 = Dfls. 1,86) with Dfls. 8,53 net.

AMSTERDAM DEPOSITARY COMPANY N.V.

Amsterdam, 13th April, 1977.

ADVERTISEMENT

INTERNATIONAL SYSTEMS & CONTROLS CORPORATION

(CDRs)

The undersigned announces that as from 28th April, 1977, at Kas-Associatie N.V., Spuistraat 172, Amsterdam, div. cp. No. 12 of the CDR's Int. Systems & Controls Corp., each repr. 5 shs., will be payable with Dfls. 0,66 net (div. per record-date 2.28.77; gross $0,0625 p.sh.) after deduction of 15% U.S.A.-tax = $0,047 = Dfls. 0,12 per CDR.
Div. cps. belonging to non-residents of The Netherlands will be paid after deduction of an additional 15% U.S.A.-tax (= $0,047 = Dfls. 0,12) with Dfls. 0,54 net.

AMSTERDAM DEPOSITARY COMPANY N.V.

Amsterdam, 14th April, 1977.

BANQUE DE FRANCE

The annual report of the Banque de France for 1976 has just been submitted by the Governor to the President of France.

In France as in most of the Western nations, last year was characterized by a business recovery: gross domestic product rose 5% in volume. However, there was no appreciable reduction in unemployment, while too steep an increase in nominal incomes, build-up of profit margins, the rise in the cost of raw materials and the effects of the drought caused renewed inflation, especially in the third quarter.

The resumption of growth also resulted in reappearance of the external deficit due to the rise in the price of oil, which the business slowdown had masked in 1975; the balance of payments was adjusted only by additional recourse to foreign indebtedness.

Monetary policy, which was a stabilizing factor regarding both the domestic situation and economic relations with the outside world, continued to be based primarily on the fixing of credit expansion standards, which became progressively more restrictive. Following pressures on the foreign exchange market in March and July-August, the authorities also raised interest rates on the money market sharply in order to make speculation against the franc more expensive; however, they did not allow this rise to be passed through in the form of an excessive increase in the cost of money borne by borrowers.

The aggregate of the measures decided on by the government in September—especially the adoption for 1977 of a standard for increase in the money supply—evidenced a determination to frustrate the expectations which stimulate price and income increases and which are now viewed in France—rather than surplus demand or the public deficit—as one of the prime causes of inflation. Positive results have already been achieved: but the anticipated easing in the rate of price inflation can be considered only as one step, and the program commenced must be pursued vigorously in order to reduce the external deficit in particular.

All efforts must be combined in this stabilization program and everyone must be made aware of the ultimately harmful effects on employment of the persisting imbalances.

To put an end thereto, it is necessary to install more rational and better controlled management in the public and private sectors, to encourage an innovative spirit, to amplify the expansion of exports.

Any attempt at a return to protectionism must be ruled out, because calling free trade into question would compromise the opportunities for further growth in France.

Finally, a strict monetary policy is the necessary complement of the efforts undertaken to achieve, without resort to harsher methods, a slowing of nominal price and income rises, restabilization of foreign trade and, thereby, sound and sustained growth leading to higher employment.

NYSE Nationwide Trading (2 O'clock) April 20

1976-77 High	Low	Stocks and Div in $	Sls. P/E	100s.	High	Low	Close	Chg. prev. Quot.

(Continued from preceding page.)

39	34¼	TRWIn 1.40	9	386	37⅝	37¼	37⅝	+ ⅛
89	81	TRW pf 4.40		13	85½	85½	85½	— ½
33⅝	28½	TattBrd .80	9	7	28¾	28⅝	28¾	
6⅝	4⅜	Talcot	24	13	5	5	5	
19½	8⅝	Talley .60	5	56	8¾	8½	8¾	
12⅜	11⅜	Talley pf 1		10	11⅞	11¾	11⅞	+ ⅛
20¼	17¾	Tampel 1.12	10	33	18⅛	18	18⅛	+ ⅛
42⅝	33	Tandy	7	564	34½	33⅞	34⅛	— ⅛
16	11¼	Tandycft	6	15	12⅝	12⅝	12⅝	— ⅛
12⅞	9⅝	Tappan .24	10	38	11	10⅝	10⅞	— ⅛
43	34	Technicr .40	10	74	39½	38⅝	39	+ ¼
9	5½	Technicir	34	134	9	8¾	8¾	— ⅛
13	9¼	Technien	11	66	11⅜	11¼	11⅜	+ ⅛
68⅛	56½	Tektronx .60	16	79	60	60	60	
30½	30½	Tektronx wi		2	30½	30½	30½	
6	5⅜	Telecor .30	4	89	5⅝	5⅝	5⅝	— ⅛
70	53⅝	Teledn 1.45t	6	413	65⅞	63½	65⅝	+ 1¾
102½	92	Teledyn pf 6		3	100	100	100	+ ¾
9⅝	6⅞	Telprmt	242	116	7⅞	7⅝	7¾	+ ⅛
3⅝	2⅝	Telex	10	20	3	3	3	
37⅛	31½	Temco 1.88	8	421	33¼	33	33⅛	— ⅛
138	118	Tennc pf5.50		1	122	121	121	
17½	11¼	Tesoro 1	9	184	12⅝	12⅛	12⅛	— ⅛
21	23⅜	Tesor pf 2.6		61	24¾	24¾	24¾	
30	25¾	Texaco 2	8	1198	26⅝	26⅛	26⅛	
39⅛	34¼	TexCom 1.10	10	29	35⅛	35	35	— ⅛
47	38½	TexEst 1.85	9	188	41¾	40⅞	40⅞	
28¾	24¼	TxET pf 2.40		2	27¾	27¾	27¾	+ ⅛
31⅝	30	TxET pf 2.87		33	31	31	31	+ ⅛
49	41¾	TexGst 2	8	52	45⅝	44⅞	44⅞	— ⅛
16½	14⅛	Texind 1a	16	4	15¾	15¾	15¾	
103¾	80⅛	Texinst 1.32	20	280	85⅛	84⅜	85⅛	
11⅜	8⅜	Texint	15	262	9½	9⅜	9⅜	— ⅛
35	25⅝	TexOGs .70	10	106	28¼	27⅝	27	



If you want to attract attention in Europe, we can put your name in lights.

We know the market.

After all it was one of our countrymen. Van de Bursen of Bruges, who originated and gave his name to the "Bourse" - French for Stock Exchange.

So it seems only right that a Belgian bank - ours - has originated a new way to use the Belgian Stock Exchange. We've opened it to international companies so that they can get known in Europe and have access to the European Capital Market.

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But what makes us different from these other banks is our individual attention to each client's individual needs; our reluctance to stick to the same old answers; and our willingness to try out new answers.

Like the day we first put a client's name in lights.

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the person-to-person bank

Banque Bruxelles Lambert. The ABECOR bank in Belgium. 24 avenue Marnix, 1050 Bruxelles. Tel. 02/513.81.81. Telex 26725-26392. BBLIN

All of these securities having been sold, this announcement appears solely for purposes of information.

April 7, 1977

RJR

900,000 Shares

R. J. Reynolds Industries, Inc.

Common Stock
($5 Par Value)

The above shares of Common Stock are being acquired by the several Underwriters following the purchase by the Underwriters of 600,000 shares of $2.25 Convertible Preferred Stock of R. J. Reynolds Industries, Inc. from a stockholder of the Company and the conversion by the Underwriters of the preferred shares into shares of Common Stock of the Company. Each share of Preferred Stock is convertible into 1.5 shares of Common Stock on the surrender of the preferred share and payment to the Company of $22 in cash. The Company will receive only those proceeds resulting from the cash payment upon conversion of the Preferred Stock.

The First Boston Corporation

Dillon, Read & Co. Inc. — Bache Halsey Stuart Inc. — Blyth Eastman Dillon & Co. Incorporated — Donaldson, Lufkin & Jenrette Securities Corporation

Drexel Burnham Lambert Incorporated — Hornblower & Weeks-Hemphill, Noyes Incorporated — E. F. Hutton & Company Inc.

Kidder, Peabody & Co. Incorporated — Kuhn Loeb & Co. Incorporated — Lazard Frères & Co. — Lehman Brothers Incorporated

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Warburg Paribas Becker Inc. — Wertheim & Co., Inc. — White, Weld & Co. Incorporated — Shearson Hayden Stone Inc.

ABD Securities Corporation — Basle Securities Corporation — Daiwa Securities America Inc.

EuroPartners Securities Corporation — Robert Fleming Incorporated — Kleinwort, Benson Incorporated — New Court Securities Corporation

The Nikko Securities Co. International, Inc. — Nomura Securities International, Inc. — Scandinavian Securities Corporation

SoGen-Swiss International Corporation — UBS-DB Corporation — Yamaichi International (America), Inc.

County Bank Limited — Ultrafin International Corporation

Amex Nationwide Trading (2 O'clock) April 2(

— 1977 — High.	Low.	Stocks and Div in $		Sls. P/E	100s.	High	Low	2 p.m. Quot.	Ch'ge Prev. Close	
12½	10¾	ASPRO	.56	6	4	12	12	12	+ ⅛	
1⅛	11-16	ATI Inc			1	1	1	1	— ⅛	
14	1-1¼	AVXCo	.32	8	1	12¼	12⅜	13⅜	— ¼	
2½	2¼	AcmePr		6	2	2⅜	2⅜	2⅜	+ ⅛	
9½	6½	Action	.28b	5	2	6¾	6⅝	6¾	+ ⅛	
4¾	3⅛	ActionCp		13	13	4¼	4⅛	4⅛	— ⅛	
16⅜	12⅛	AdobeOil	.16	16	11	14⅝	14	14¼	+ ⅛	
1⅞	1⅛	AeslaCo		7	31	1⅛	1⅛	1⅛	— ⅛	
10⅜	8½	AeroFlo	.16e	6	7	10¼	10¼	10¼	+ ⅛	
9⅝	8⅛	AffilHsp	.24	7	20	8⅛	8	8	— ⅛	
8¾	6⅛	AlanWdS			2	6⅝	6⅝	6⅝		
5⅛	4½	AlaskAir		4	7	4½	4⅜	4½		
21⅛	17⅛	AlbaWa	.05e	71	5	21⅛	2	21⅛		
6⅜	5⅛	Alcolac	.32e	6	2	5⅜	5⅜	5⅜	— ⅛	
6⅛	4⅛	AllegAir		8	42	5⅜	5¼	5⅜		
7½	5⅛	AlliantT	.36a	5	2	7	7	7	— ¼	
1⅞	1	AlldArt			13	1⅛	1⅛	1⅛	+ ⅛	
20½	13⅜	AlldThr	.88	8	10	17⅞	17	17	— ⅛	
7⅛	5⅜	Altamil	.16a	4	83	6⅝	6½	6⅝	+ ⅛	
1⅜	⅞	AltecCo			33	15-16	15-16	15-16	+1-16	
15⅛	11⅛	AlterFds	.50	8	8	12¼	12	12	— ⅜	
12⅝	4¼	AMAX	wt		9	5⅞	5⅞	5⅞	+ ⅛	
22⅜	16⅜	AmBrd	wt		75	22⅜	22	22¼	+ ½	
8¼	6¼	AmBusP	.28	9	210	6¾	6¾	6¾		
2	1	AmFletch			3	1⅛	1⅛	1⅛		
9⅜	5⅜	AGarPd	.24		4	7⅞	7⅞	7⅞		
3⅛	2¼	Alsrael	.Hr	6	2	2⅞	2⅞	2⅞	— ⅛	
10⅜	8½	AMalzeA	.40	5	3	8⅜	8⅜	8⅜	— ⅛	
5⅜	4½	AMotrms		7	12	5⅜	5¼	5¼	+ ⅛	
37⅜	32¼	AmPetf	2.20	9	9	36¼	36¼	36¼	— 1⅛	
11⅜	7⅜	APreca	.28	8	8	11⅜	11	11⅛	— ⅜	
6	4⅛	ASafEq		4	12	5	5	5		
14¾	9¼	AmSciE	.04e	21	49	12⅜	12¼	12¼	+ ⅛	
12⅜	11	AmUtlS	.63a		4	12	11⅞	12		
3⅜	2	AngloC	.13e	8	35	3½	3⅜	3⅜	— ⅛	
8⅞	6¾	Anken	.28	6	9	7	6⅞	6⅞	— ¼	
7⅜	5	Anthony	.32f	4	14	6⅜	6⅜	6¼	+ ¼	
6⅞	5⅝	ApplidDta		7	30	5⅝	5⅝	5⅝		
6½	3	ApldDev		13	10	3⅞	3⅞	3⅞		
17⅜	14⅛	AquitCa	.30	9	3	14½	14½	14½	+ ⅛	
5⅜	4	ArizCL	.10e	15	23	4⅝	4½	4⅝		
7½	4¾	ArminCp	.12	15	20	5¼	5	5	— ⅛	
6¼	4¼	ArrowE		13	12	6¼	6	6¼	+ ⅛	
8⅝	5⅝	Arundel		13	34	8	7⅞	8	+ ⅛	
13½	9⅝	Asamera	.30	13	728	13⅛	12½	13	+ ⅛	
11¾	9½	AshlOC	.20	9	1	10⅜	10⅜	10⅜		
1¼	⅝	AskinSvc			3	13-16	13-16	13-16	+1-16	
5⅝	4¾	Atalanta	.20e	3	4	4⅞	4⅝	4¾	— ⅛	
1½	73-16	Atco	Ind		3	3	3⅞	3	—1-16	
1⅛	5-16	AtlasMtg	wt		1	5-16	5-16	5-16		
4⅞	3⅝	AtlasCA	.17e	12	1	4⅜	4⅜	4⅜	+ ⅛	
11⅜	9	AtlasCp	wt		52	11½	11¼	11½		
15½	12¾	Augat	.30	14	83	15½	14⅞	15	+ ⅜	
23⅞	14⅜	AustralO		26	133	23¼	23	23⅛	— ⅛	
7	5⅞	AutoTrn	.70f		4	5⅞	5⅞	5⅞	— ⅛	
5⅞	4⅛	AutmBld		6	5	4½	4½	4½	+ ⅛	
44½	39¾	AutoSw	1.20	12	14	44⅞	43¾	44¾	+ 1⅞	
4⅝	3⅝	AVEMC	.20	5	3	4⅛	4⅛	4⅛	+ ⅛	
29½	21⅞	Avondal	1.20	9	2	23¼	22⅞	23¼	+ ½	
8¾	6⅝	AydinCp		9	21	8⅜	8⅛	8¼	+ ⅛	
					B					
2⅝	1¾	BTU	Eng	.05	40	2	2⅜	2⅜	2⅜	+ ⅛
10⅞	8⅛	BadgrMt	.50	9	7	12⅜	12¼	12¼		
6⅝	4⅜	BakerM	.15e	6	2	4⅜	4¼	4⅜		
17⅞	10⅞	BaldorEl	.24	9	169	19	18	19	+ ⅛	
7⅛	6⅝	BaldwS	.22a			7	7	7	+ ⅛	
18⅛	16⅛	BanFd	1.15e		6	19½	17½	17½		
2	15-16	BangPun	wt		5	1⅝	1⅜	1⅜	+ ⅛	
14¾	9½	Banister	.40	6	26	10⅞	10⅝	10⅝	— ⅛	
9¾	6¾	Banner	.08	9	323	9⅞	9⅝	9¾	— ⅛	
3⅞	3⅛	BarnesE			6	3⅞	3⅝	3⅝	+ ⅛	
10	7⅞	Barnwl	.20e	36	11	9¾	9½	9¾	+ ⅛	
5⅝	4½	BarryR	.16	6	3	5⅛	5⅛	5⅛	+ ⅛	
12	10	BarryWr	.44	9	13	12½	12⅜	12⅜	— ⅛	
3⅛	1¾	BaruchF			2	2⅜	2⅜	2⅜	+ ⅛	
6½	4⅜	Bellind	.08a	6	27	5½	5⅜	5½	+ ⅛	
3⅞	2⅛	Benrus		15	11	2⅜	2⅜	2⅜		
3½	2⅜	Berg	Ent		150	7	3	3		
7¾	5	BergenB		6	6	5½	5⅜	5⅜		
15⅞	13½	BrgB	pf	1.15	8	14⅜	14⅜	14⅜		
3¼	2⅜	BernzO			6	2¾	2⅝	2⅝		
6½	5	Berlea	.14	8	2	5⅛	5⅛	5⅛	— ⅛	
3⅞	2⅜	BervenC	.06		13	3	3	3	+ ¼	
4½	3	BethCp	.10c		9	4	3⅞	4		
3¼	2⅜	BeverlyE			8	2⅜	2⅜	2⅜		
15	11⅜	BicPen	.48	9	28	14½	14	14		
5⅛	4	BioDad		6	5	4⅝	4⅝	4⅝		
16⅞	15½	BinkMf	1a	7	1	15½	15½	15½	+ ⅛	
19⅜	14⅝	BinnySm	.80	8	17	19½	19½	19½	+ ⅝	
10⅜	5⅞	Blessng	.30	7	6	9¼	9⅛	9¼	+ ⅛	
11¼	7¾	Blount	.30	4	4	8¾	8⅝	8¾	+ ⅛	
5⅝	4⅜	BodinAp	.40	21	2	5	5	5		
8	6¼	BoltBer	.20	17	2	7¼	7⅛	7⅛	— ⅛	
24¼	15	BowVall	.44	36	49	16½	16½	15⅝	— ⅛	
9⅞	7½	BradkN	.20	10	21	7¾	7¾	7¾		
9⅛	7	BrantfAr	wt		3	7⅛	7¼	7⅜		
12¼	11	BrascanA	1	3	32	11⅞	11	11		
26	21¼	BraunEn	1	7	34	28½	27¾	28½	+ ⅛	
7⅛	4⅝	BreezeCp		18	1	5⅜	5⅜	5⅜	+ ⅛	
11¾	9⅝	BrewerC			25	10⅜	10⅜	10⅜	— ⅛	
12½	10⅛	BrooksP	.40	5	4	10½	10⅜	10½		
15¾	13⅜	BrnFA	.60	10	5	15⅜	15⅜	15⅜	+ ⅛	
16¼	13½	BrnFB	.60	10	20	16	15⅞	15⅞		
5½	4	Buehler		5	10	4½	4½	4½		
3¾	2⅝	Burgess			8	3	3	3		
15½	13⅛	Buring	1.10	6	6	13⅝	13⅜	13½	+ ⅛	
11	8⅜	Burnsin	.60	10	29	8¾	8⅝	8¾		
14¾	9⅞	Butlerin	.50	6	21	13⅞	13⅜	13⅞	— ⅛	
					C					
38	21½	CK Pet	.20e	27	37	34½	33¼	33¾	— ½	
7⅜	1¾	CDI Cp		24	43	4¼	4	4¼	+ ⅛	
7½	5½	CHS Fd		4	14	6⅜	6	6	— ⅛	
9⅞	6	CHCCp	.24r	12	18	9⅞	9¾	9⅞		
3-16	3-32	CI Mtg	wt		3	1⅛	1⅛	1⅛		
3⅝	2⅛	CMI Cp		9	22	3¼	3	3⅛	+ ⅛	
6⅝	6⅛	CRSDes	.28	5	38	8	7⅝	7⅝	— ⅛	
14⅞	11¾	Caldor	.25	8	58	14⅜	14	14⅛	+ ⅛	
5⅞	2½	Calcomp			1	3	3	3		
4¼	3¼	CalLife		5	19	3½	3½	3½		
18	15½	CalPrfC	1	8	5	16½	16½	16⅝		
3	15-16	CaChbA			1	3	13-16	3	18-16	—1-16
5½	4½	Campin			3	4⅝	4⅝	4⅝	— ⅛	
8	5⅞	CdnHomO		16	18	5⅝	5⅝	5⅝		
8¾	7⅝	CdnHydr	.25	9	1	8½	8½	8½	+ ⅛	
20½	18⅝	CdnPA	.75i	9	42	20⅝	20½	20⅝	— ⅛	
4	1-16	CdnMarc	.20	11	3	3⅜	3⅜	3⅜	—1-16	
14⅜	12½	CdnMerr		10	2	13½	13½	13½		
16⅜	14⅝	CdnOccl	.54	6	4	15	15	15		
2⅝	2⅜	CapitlFd	.30	5	3	3⅜	3⅜	3⅜		
5¼	4⅛	Caressa	.30	17	63	4⅝	4	4	— ⅛	
78½	67	Carnat	1.80	72	54	69½	68	68½	+ ½	
14⅜	12⅝	CaroPipl	1b	8	1	13⅜	13⅜	13⅜		
5½	4	CarrolDr			15	4¼	4⅛	4½	+ ⅛	
18⅜	17½	CasFd	1.20a		4	17⅞	17⅝	17⅝		
3	1⅝	Castlelm		18	24	3	2⅞	3	+ ⅛	
19⅝	9¾	Cavitrn	.12e	14	43	15	14⅝	14⅞		
2½	1½	CelluCft		6	7	1⅞	1⅝	1⅞	+ ⅛	
6¾	5⅜	CenISec	.50e		3	6¼	6¼	6¼	— ⅛	
23⅞	22½	CerM	pf 2.25		2	22⅜	22⅜	22⅜		
1¾	1⅛	CertifCp			1	1⅝	1½	1½		
1¼	⅝	Certron		17	9	1⅛	1	1		
27¼	13¼	CetecCp		18	47	2	2⅛	2⅛	— ⅛	
7¼	5⅛	ChadMl	.60	8	1	7⅛	7¼	7⅛	+ ⅛	
4	2⅛	ChampHo				1⅝	3	3		
7¼	7	ChrtM	pf .75		6	7½	7½	7½	+ ⅛	
12⅝	10⅛	ChiefDev		18	7	11⅜	11½	11⅜	+ ⅛	
12⅜	9	ChildWd		7	20	10⅝	10⅜	10⅝		
2⅜	1⅜	Cineram		18	3	2	1⅞	2	+ ⅛	
12⅛	10⅝	CircleK	.70	8	19	10⅝	10⅜	10⅝	— ⅛	
13	8⅞	CityGsFl	.68	6	1	10⅝	10½	10⅝		
12⅜	9⅞	Clarkson	.20	11	1	12	12	12	— ⅛	
6⅝	3½	Clenshaw		71	2	6¾	6¾	6¾		
19⅝	12⅝	Coachm	.25	5	63	13⅜	12⅝	13⅜	+ ⅛	
3½	2⅛	Cohulnc	.72i	15	1	2½	2½	2½		
13½	15½	Colemn	.68	6	23	17	16⅝	17	+ ⅜	
5⅝	3½	ColonCml			23	4⅜	4¼	4⅜	+ ⅛	
8¼	6½	Colwell C	.40	5	17	6¾	6⅝	6¾	+ ⅛	
12⅝	9½	ComAll	.20a	9	19	10⅞	10⅞	10⅞	+ ⅛	
13⅞	10½	ComAtl	.60b	30	3	10¾	10⅝	10⅝		
6⅝	4½	Comdlnt		5	104	6⅜	6¼	6½	+ ⅛	
11⅜	9¼	CoPsyc	.20	7	6	11⅜	11⅛	11⅜		
16¼	4⅝	Compac		10	192	15	14⅝	14⅝	+ ⅜	
16	5	Compoin	.32	25	36	15¾	15	15⅜	— ⅛	
2⅝	1½	CompuD		7	13	2⅜	2⅜	2⅜	+ ⅛	
2⅞	15-16	Complmv			10	1	1	1		
6¾	4⅜	ConcrdF			15	5	5	5		
12½	9⅝	C ndec		3	3	10¼	10⅛	10⅛		
4	3⅜	ConnllyC		12	2	4	4	4		
13⅜	10⅝	Conrock	.60	6	1	12⅝	12⅜	12⅝		
4½	4	Conroy	.14	6	6	4⅜	4⅜	4⅜	+ ⅛	
12¾	9⅝	ConsOG		17	60	10⅞	10⅝	10⅝	+ ⅛	
9⅞	7¾	ConsRef	.60	9	5	8⅝	8⅝	8⅝	+ ⅛	
1⅝	⅞	ContiMt		113	3	1⅛	1⅛	1⅛		

— 1977 — High.	Low.	Stocks and Div in $		Sls. P/E	100s.	High	Low	2 p.m. Quot.	Ch'ge Prev. Close			
1⅜	1⅛	ContTel	wt		1	1⅛	1⅛	1⅛				
19⅞	11	Cookind	.20a		206	13⅜	18	13½	+ ⅛			
15⅝	12⅞	PooCVkh	.01	16	17	18⅜	13⅜	13⅜	— ⅛			
7½	5	CoopJar	.10a	5	5	6⅜	6¼	6⅜	+ ⅛			
4½	2⅞	C rdon		16	8	3⅜	3¼	3⅜	+ ⅛			
19	15⅜	CoreLb	.20a	9	8	17⅝	17½	18⅛	— ⅛			
16⅛	12¼	Corenco	.80	8	7	15⅞	15⅝	15⅞	+ ⅛			
19⅞	17¾	Cornelius	.48	9	2	19⅝	18⅜	18⅝	— ⅛			
21½	15⅝	Corr&Rk	1.40	12	2	21	20¾	20¾	— ⅛			
22⅝	16½	CoxCC		21	2	21⅜	21⅜	21⅜	— ⅛			
5⅛	3⅞	CremrE	.10t	66	1	4⅝	4⅝	4⅝				
24¼	23¼	CwnCPt	.60r	4	14	27⅜	27½	27½	+ ⅛			
6⅜	4¾	CrownCr		5	2	5⅞	5⅞	5⅞	— ⅛			
15⅞	11	CrutcR	.15	35	36	11⅝	11⅝	11⅝	+ ⅛			
15½	12⅝	CrystlO	.40e	14	28	13⅝	15	15⅜	+ ⅛			
14⅝	10⅞	CubicCp	.48	8	61	13⅜	13	13⅜	+ ⅛			
14⅝	12⅜	CurticeB	.80	5	2	13⅜	13⅜	13⅜	+ ⅛			
5⅜	4⅞	CurtisM	.15e	4	22	4½	4⅝	4⅝	+ ⅛			
					D							
2	15-16	DCL			11	5	1⅝	1⅝	— ⅛			
6½	3⅞	DWG	.49t		5	82	4⅝	4⅝	4¾	+ ⅛		
3½	2⅝	DamonC			4	5	2⅝	2⅝	2⅝	— ⅛		
9½	7	Damson			23	12	7⅝	7⅝	7⅝	— ⅛		
28	20⅞	Daniel	.18b		9	6	23⅜	23⅜	23⅜	+ ⅛		
10⅛	9¾	Datapd	.10e		7	53	10⅛	10	10	— ⅛		
1⅞	7⅛	DavMin	.20a		18	12	9⅝	9¾	9⅝	— ⅛		
15⅜	14	DeiLabs	.36		7	3	14⅝	14⅝	14⅝	+ ⅛		
11	8½	DenTalE				9	9¾	9¾				
7⅝	5⅜	DesCpA			8	11	7¼	7¼	7⅝	— ⅛		
39⅞	26¼	DevonGp			10	2100	29⅝	29⅞	29⅞	+ ⅛		
4⅝	3½	Digicon				27	3½	3¼	3¼	— ⅛		
15⅝	12¾	DillerdSt	.48		4	1	12⅞	12⅞	12⅞	+ ⅛		
1¼	15-16	Diodes				2	1	1	1			
19	13½	Diversey	.56		9	1	17⅞	17⅞	17⅞			
12	10⅜	Dixilyn	.48e		6	17	11⅜	11⅜	11⅜	— ⅛		
41⅞	37¼	DomePt			8	48	40½	39⅝	40⅛	+ ⅛		
8¼	6¾	Donkeny	.28		4	2	7	6⅝	6⅝	+ ⅛		
13⅜	11¾	Downy	.37e		5	5	14⅛	13⅞	14⅛	+ ⅛		
18¾	16⅜	DrexUtl	1.32			x2	17	17	17	+ ⅛		
12⅛	1⅜	Dunlop	.05e		5	3	1	11-16	1⅛	1	11-16	+1-16
17⅞	13¾	DuplkPrd		1	6	2	15⅝	16¾	15⅝	+ ⅛		
8½	6⅜	DurTst	.30b		8	39	6¾	6½	6½	— ⅛		
5¾	5⅜	DynIchn	.06	14	879	5⅝	5⅜	5⅝	5⅝	+ ⅛		
6⅛	5	DynAm			6	20e	5½	5⅝	5⅝			
9⅛	5⅞	DynellEl			24	15	6½	6¾	6⅜	— ⅛		
					E							
3⅜	2⅝	EAC In			6	5	3½	3⅜	3½	+ ⅛		
1⅜	1⅛	EasleC				4	1¼	1⅛	1⅛	— ⅛		
19⅞	17	EarthRes		1	11	145	19	18⅝	19	+ ⅛		
61½	41⅝	EasonO	.20b		20	8	59½	59¾	59¾	— ⅛		
17⅞	10¼	Ecodyn	.10e		10	38	15⅜	15¼	15⅜	— ⅛		
2⅞	2	Edmos				6	2⅝	2⅝	2⅝			
7	4¼	EhrenP	.20a		6	7	5	5	5			
7½	5	ElcorCp	.12		6	3	5¼	5⅛	5⅛			
6⅝	4⅛	EHose				1	4¾	4¾	4¾			
5⅛	3¼	ElAudO	.21f		7	18	4	3⅜	3⅝			
14¾	13⅜	Electrog	1		7	5	14⅜	14⅜	14⅞	+ ⅛		
2½	1½	ElecRes				10	1½	1½	1½			
21⅞	17½	ElecAm	1.20		10	55	23¼	21¾	22¼	+ ⅜		
7⅜	4⅞	EnsyRs			9	83	6¾	5⅝	6⅜	+ ½		
12¾	10	EmsEC	.64		5	24	11⅞	11⅝	11⅞			
2	1⅜	Ero Ind			16	20	1⅞	1⅞	1⅞	+ ⅛		
10⅝	7⅛	EssexCh	.40		7	5	10⅜	10¼	10⅜			
13⅜	7⅛	Execind			3	185	7⅞	7¾	7⅞			
5⅜	4	Execum	.22f		16	19	5⅜	5⅜	5⅜	+ ⅛		
					F							
3⅜	2⅝	FDIInc	.81e		10	3	2⅝	2⅝	2⅝	— ⅛		
6¼	4¼	Fabind	.25a		4	1	6¼	6¼	6¼	+ ⅛		
2	1⅞	FairTex				2	1⅞	1⅞	1⅞			
2½	1⅞	FairNob				17	2	2	2			
47¼	34⅜	FalconS		1	11	191	47⅜	46½	47½	+ 1⅛		
6⅞	5⅜	FamDolr	.20		6	6	6⅛	6	6	— ⅛		
10⅛	7¾	FayDrg	.10i		8	13	7⅝	7⅝	7⅝	— ⅛		
14¾	13½	FedMart	.60		4	6	13¾	13¾	13¾	+ ⅛		
7⅜	4⅝	FedRes				1021	5	5	5	+ ⅛		
21⅜	16¾	Fermat	.20a		19	17	19¼	18⅝	19¼	+ ⅛		
1½	⅞	Fibrebrd	wt			3	1⅛	1⅛	1⅛			
3	2¼	Fidelco				14	2⅝	2½	2⅝	+ ⅛		
11⅝	7¼	Flimwy	.05r		8	28	9	8¾	9	—		
11	8¼	FinGen	.40		6	2	10¼	10¼	10¼	— ⅛		
11¼	9⅝	FstSLSh			11	3	10¾	10¾	10¾			
2⅜	1⅜	Fsimrk				3	2	2	2			
16	13¼	FischrP	.48t		7	77	15¼	15¼	16¼	+ ⅛		
5⅛	3¾	Flagstaff	.12		5	4	3⅞	3⅞	3⅞			
15¼	11⅜	FlightSf	.12		5	63	12⅝	12½	12⅝			
5	4¼	FlaCap			5	1	4½	4½	4½	— ⅛		
5⅞	3⅜	FlowGen			7	6	5¼	4⅞	5⅛	+ ⅛		
23⅜	15½	Flowers	.66		7	7	23⅜	23⅜	23⅜	— ⅛		
17⅛	14¾	FlukeJ	.73f		10	69	15⅝	15¼	15¼	— ⅛		
24¾	20⅝	FlyDiaO			8	55	24	23¼	24	+ ¼		
6¾	5½	Foodrm	.40		4	11	6½	6¼	6⅜	— ⅛		
14	9½	Foodws	.20a		6	81	14⅞	14¼	14⅜	+ ⅛		
8½	7¼	FooteM	.25e		10	26	8	7⅞	7⅞	+ ⅛		
98	85	FordCan	5a		6	210	87	87	87	+ 1		
3½	2⅝	ForestLab			6	21	3	3	3			
11½	7¼	FoxStkP	.50		9	4	7½	7½	7½			

هكذا من الأصل

Amex Nationwide Trading (3 O'clock) April 20

		Sls.			2 p.m.	Ch'ge Prev.	
and		P/E	100s.	High	Low	Quot.	Close
(from preceding page.)							
		15		6¼	6¼	6½	
		7		9¼	9¼	9¼	
		5		7⅝	7⅝	7⅝	
P - Q							
		8		1⅜	1⅜	1⅜	
wt			3	⅛	⅛	⅛	
		16	18	17¾	18	18	+ ⅛
		11	147	14	14	14⅛+	⅜
		21	147	14½	14⅝	14⅝+	⅜
		17	29	29	29	29	—
		2	13½	13½	13⅝		
		46	28	27½	28		
		7	23	23	23		
		6	22⅜	22⅜	22⅜		⅜
		5	25	25	25⅝		
		7	23⅜	23½	23½		
		17	16⅝	16⅝	16⅝		
		2	50	54	54		
		1000		89⅞	89⅞	89⅞+	⅝
		19		19	19	19	+ ⅛
		34		34	34	34	
		2		37⅛	37⅜	37⅜+	⅛
		2		44⅜	45⅜	45⅜	
		7		27¼	26⅝	27¼+	⅛
		12		6	5⅝	5⅝—	⅛
		4		8⅝	8¼	8¼	
		13		14	13⅞	14	+ ⅛
		45		9½	9⅛	9⅜+	⅛
		4		10¼	10⅛	10¼	
		7		33	33	33	
		4		3⅝	3⅝	3⅝	
		11		13	13	13	+ ⅛
		10		1	1	1	
		7		15⅝	15⅝	15⅝	
		4		7⅝	7⅝	7⅝—	⅛
		8		22	21⅝	21⅝+	⅛
		11		16⅝	16	16⅝+	⅛
	3	4		7⅝	7⅝	7⅝—	⅛
		87		2⅝	2⅝	2⅝	
rt		1468		1-128	1-128	1-128	

— 1977 — High	Low	Stocks and Div in $	P/E	Sls. 100s.	High	Low	2 p.m. Quot.	Ch'ge Prev. Close
10½	9⅝	PicNPay .20	6	9	9	9⅝	9	+ ⅛
2⅛	1⅛	PioneerS		6	1⅜	1⅛	1⅛	— ⅛
10⅝	7⅝	PionTex .80	6	5	8⅛	8⅛	8⅛	
6¾	6⅛	PittWVa .56a	10	3	6⅝	6⅝	6⅝	
32	23	PittDM 1.20a	6	44	28⅝	28¼	28½+	⅛
40¼	35¼	Pittway 1.20	19	41	37¾	37¾	37¾	
22	18⅝	PlacrDv .80	13	7	20	20	20	— ⅛
8⅜	6	Plantind	92	13	7⅛	7⅛	7⅛+	⅛
13¾	10	Planirn .08	8	9	11⅜	11⅛	11⅜+	⅛
5¾	4¼	PlyGem .51f	6	1	5⅛	5⅛	5⅛—	⅛
3¾	2⅜	Polaron	144	1	2⅝	2⅝	2⅝	
7⅞	6⅜	Polychr	8	5	7	7	7	— ⅛
15⅜	12⅜	PrattLmb 1	7	3	13⅝	13⅜	13⅜	
6½	5¼	PrattRd .36	6	2	5½	5½	5½	
24¼	21¾	PrenHa 1.12	12	11	23¼	23¼	23¼	
12⅜	9½	Presley	12	57	12⅛	12⅛	12⅛+	⅛
2⅞	2	PrimMd .12t	9	90	2¼	2¼	2¼—	⅛
12⅜	11⅛	PrpCtl 1.20e	10	22	11⅞	11⅞	11⅞+	⅛
10⅜	8⅜	ProvGas .80	6	1	10¼	10¼	10¼+	⅛
5½	3¼	PrudGp	37	1	4¾	4¾	4¾—	⅛
53	48½	PSCol pM.25		250	49½	48¾	49½—	⅛
7⅛	6½	PuttnH	5	7	7⅛	7⅛	7⅛+	⅛
6¼	4⅞	Purepac .06e	11	8	5⅞	5⅞	5⅞	
R								
7⅜	6¼	RB Ind .08e	6	6	7¼	7¼	7¼	
1⅞	1¾	REDM	5	3	1½	1½	1½	
2⅜	1¾	RET		17	1⅞	1⅞	1⅞—	⅛
45½	42½	RET pf 4.38		2	43¾	43½	43¾—	⅛
13	10¾	RLC Cp .12a	5	29	12¼	11¾	11⅞—	⅛
4⅝	3⅜	Racon .20a	6	1	4⅛	4⅛	4⅛	
20⅜	15⅜	RanchEx	20	88	21⅛	20½	21	+ ⅛
24	17⅜	RangrO	58	25	21	20¾	20¾—	⅛
15⅛	11⅜	Ransbrg .80	7	6	14⅜	14⅛	14⅜—	⅛
1¼	⅜	RapdAm wt		7	1⅛	1⅛	1⅛	
⅝	⅜	RathPr		9	⅝	⅝	⅝	
39¾	21¼	RavnP .57e	21	5	33⅜	31⅞	32⅛+	⅜
11	9½	RflncT 1.15e	7	1	10¼	10⅛	10¼+	⅛
21	16⅜	RltRef 2.16e	9	4	20⅜	20¼	20¼	
3	1⅜	ReevesT	16	5	2⅜	2⅜	2⅜	
6⅝	6	RetrigTr	6	71	7¼	6½	6½+	⅛
11¼	8⅝	Regal B .52	9	10	10¼	10¼	10¼	
2	13-16	ReisGrp wt		219	1⅛	1	1	

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19	13¾	RemAr .80a	7	9	18	17¾	17¾—	⅛
3¾	1⅜	ReoHous		15	2½	2½	2½	
27	24¼	ReoNY 1	5	2	25	25	25	
22½	17¾	ReschCtl .06	14	55	22½	21¾	22¼+	⅜
23⅝	18½	ReslsMix .60	7	3	21⅛	21⅛	21⅛	
10⅞	8⅛	Resrts A	12	57	9	8⅞	9	
2	1⅛	RestAssc		2	1⅝	1⅝	1⅝	
5⅛	3⅝	RibletPd	5	2	3¾	3¾	3¾	
8	6⅛	Richton .30	4	18	6¾	6¾	6¾	
29⅜	15⅞	RileyCo	9	101	30	29¾	29¾+	⅜
28⅝	24⅝	RioAlgm 1	12	1	26⅝	26⅝	26⅝+	½
16⅛		Risdon .40	9	4	13¾	13¾	13¾+	⅛
15¾	11⅞	Robintch		13	13⅛	13	13	
4⅞	3⅜	Robjin	4	6	4⅜	4⅜	4⅜	
17⅜	12	Rockway 1	7	5	14⅛	14⅛	14⅛	
3¼	2⅜	Rocor		1	2⅜	2⅜	2⅜+	⅛
15	11¼	Rogers	7	30	11¾	11	11	— ½
25⅛	12⅜	RonCoT 1.20e	10	22	11⅞	11⅞	11⅞+	⅛
5¾	4⅛	Rossmr	6	1	10¼	10¼	10¼+	⅛
⅝	⅜	RovBusF		1	7-16	7-16	7-16+	1-16
6¾	4¾	Ruddick .12e	6	39	6½	6⅜	6½	
7⅜	6½	Rudick pf.56		9	7⅛	7⅛	7½	
2½	1½	Rusco		65	2	1⅞	2 +	⅛
8¾	7⅜	Russell .40	5	42	8⅞	8⅝	8⅞	
12½	8½	RustCft .40	8	1	11½	11½	11½	
.30	16¼	RyanH .50	9	133	17	16	16	— ⅞
S								
1¾	1⅜	SGSec		1	1⅛	1⅛	1⅛	
2⅜	2¼	SMD	4	1	2¼	2¼	2¼—	⅛
5¾	4⅜	SSPInd .33e	24	7	4⅝	4⅝	4⅝	
15⅜	11¼	STPCp .80	13	22	13½	14⅜	13½+	⅛
13¾	8¼	Safetran	7	14	12⅜	12⅛	12⅜—	⅛
16⅜	10⅛	Salem .88t	7	192	17⅛	16⅜	17	+ ⅛
1⅜	1	SCarlo .63e		8	6⅜	6⅜	6⅜+	⅛
89½	84½	SDgo pf 7.80		22050	87¾	87¾	87¾+	⅛
81½	76	SDgo pf 7.20		2250	78½	78½	78½	
29¾	28¼	SDgo pf 2.68		2	28¾	28¾	28¾+	⅛
14⅛	11	SFrRE .15e	77	5	12⅜	12⅜	12⅜—	⅛
1⅜	⅜	SFRE wt		39	1	15-16	1	
38⅜	30⅛	SPIRE		7	35	35⅜	35⅜+	⅛
10¾	8¾	SaundrL .30	4	7	8¾	8¾	8¾—	⅛
7⅜	6⅜	SchoolP .40	6	1	7¼	7¼	7¼	
7⅞	5¼	Schrader .30	7	1	6	6	6	

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24⅝	10	SeasnAll .36	14	26	23	22½	22½		
3⅛	2¼	SecMrgin		2	2⅝	2⅝	2⅝		
6¾	5½	SelesCp		1	5¾	5¾	5¾+	⅛	
14¼	12½	Sharon 1	7	1	13¾	13¾	13¾+	⅛	
9⅞	8½	Shawin .50b	9	8	8⅞	8⅞	8⅞+	⅛	
7½	6½	ShndCp .24f	5	5	7	6⅞	6⅞—	⅛	
28⅞	22¼	ShenanO	16	2	22⅝	22⅝	22⅝—	⅛	
19	15¾	Showbet 1	7	10	17½	17½	18⅛—	⅛	
3	1⅝	ShulmTr		4	1⅞	1⅞	1⅞—	⅛	
8¼	5¼	Sierrcin .20	9	3	7¼	7¼	7¼+	⅛	
10¾	9½	Sifcolnd .50	5	1	10⅜	10⅜	10⅜+	⅛	
8¾	6¾	Sigma .26e	6	28	8¼	8¼	8¼+	⅛	
9⅜	6⅞	Silo Inc	4	7	7½	7¼	7⅜—	⅛	
3⅝	1⅞	Simplex	13	6	3¼	3¼	3¼		
23½	17	Solfrcn	19	11	23	23	23	+ ⅛	
10⅞	8¾	SonderBr .32	5	3	10	10	10		
9⅛	6⅝	Sorg Paper .80	7	4	6¾	6¾	6¾		
16¾	14¼	Soundair .40	5	11	14⅝	14⅜	14⅜—	⅛	
18⅜	12	SCEd pf 1.82		1	13	13	13		
18¾	12⅝	SCEd pf 1.86		26	12⅜	12⅜	12⅜		
15½	10⅝	SCEd pf 1.19		1	11⅛	11⅛	11⅛		
23½	20½	SCEd pf 1.68		2320	23½	23½	23½		
17⅜	16	SCEd pf 1.30		10	16⅞	16⅞	16⅞+	⅛	
28¼	26¼	SCEd pf 2.20		183	27¾	27¾	28¼+	⅛	
27½	25¼	SCEd pf 2.21		18	26¾	26¾	26¾+	⅛	
22⅜	19	SwgtAirl .25	6	16	21	20¾	21	— ⅛	
5½	4¼	SwtGFin .20	4	14	4⅞	4⅞	4⅞—	⅛	
6	5⅜	SpectryR	5	3	6	5⅞	6	+ ⅛	
1⅛	10-16	Speizmn		4	⅞	⅞	⅞		
4⅝	2⅞	Spencer .08e	7	17	2⅞	2⅞	2⅞		
7¾	4⅞	SpencrF .08i	4	2	5⅛	5⅛	5⅛		
6⅝	5⅞	Splenfex .48	9	1	6¼	6¼	6¼		
6¾	4¾	StafrdL	5	2	5⅛	5⅛	5⅛		
5¾	5¼	StdCont .16f	4	2	5⅝	5⅝	5⅝		
4⅛	3	StdMeff	24	1	4⅛	4⅛	4⅛		
12½	9¼	StdMotA .40	7	168	11⅞	11⅞	11⅞+	⅛	
51⅞	45⅛	StdPacCp .20	5	165	51⅛	51⅛	51⅛		
25⅞	20⅝	StdProd .40	4	8	23⅞	23⅞	23⅞+	⅛	
27	24¼	StdShrs .40f		6	25⅝	25⅝	25⅝		
14⅜	7¼	Stange .12	10	9	7¾	7¾	7¾		
1⅜	1	Stardust		1	1⅜	1⅜	1⅜		
17⅞	14⅜	StarrHsp .36	6	3	15⅞	15⅞	15⅞—	⅛	
8⅞	6⅝	Steelmt .24b	13	6	6¾	6⅝	6⅝—	⅛	
21	15¾	StepnCh .60	5	2	20¼	20¼	20¼+	⅛	
5¼	3¾	Stevcoknit	5	25	5⅛	5⅛	5⅛		
12¾	7⅞	StrutW .30	8	26	11¾	11⅝	11⅝+	⅛	
7⅜	3¼	Summit		5	4⅜	4⅜	4⅜		
23⅜	16½	SunElec .60	11	25	22⅞	22	22⅜+	⅛	
10⅜	8¼	Sunair .45e	6	3	8¼	8¼	8¼		
18¾	12⅜	Sundanc .20b	30	14	12⅝	12⅜	12⅝—	⅛	
7½	4¼	Sunshine .25	6	5	6¼	6¼	6¼		
17½	16	SupFdS .40	9	22	16⅝	16	16¼+	⅛	
8¾	5⅝	SupInd .12b	7	6	7⅜	7⅜	7⅜+	⅛	
8	5	SupSurg .14	7	5	6⅜	6¼	6¼+	⅛	
5½	2⅝	Susqueh		152	4⅜	4⅜	4⅜		
⅝	7-16	SutrMtg wt		5	9-16	9-16	9-16—	1-16	
7¼	5¾	Symalog .30b	5	5	6	6	6		
24⅝	17¼	Syntex .50	8	107	18½	18⅜	18⅜+	⅛	
16½	13⅞	SyscoCp .40	7	25	16⅛	16⅛	16⅛—	⅛	
7⅜	5	SystEng	24	48	6¼	6⅛	6⅜		
T									
1⅞	1⅝	TFI		6	31	1⅞	1⅝—	⅛	
15	13¾	TandyBr		5	7	14⅜	14⅜	14⅝—	⅛
20½	18⅛	Tasty 1.20a	8	5	1	18½	18¾	18¾—	⅛
1⅛	11-16	TechSym		5	13-16	13-16	13-16	—1-16	

— 1977 — High	Low	Stocks and Div in $	P/E	Sls. 100s.	High	Low	2 p.m. Quot.	Ch'ge Prev. Close
33⅛	23⅜	TechOp		5	21⅜	21⅜	21⅜—	⅛
37⅛	27⅛	TechTap	4	3	31⅜	31⅜	31⅜	
5⅛	4	Technirl .16	4	15	4⅝	4⅝	4⅝+	⅛
17⅞	14	TelonR .32a	1	1	14⅛	14⅛	14⅛+	⅛
8⅞	7	TeleCm .36	4	2	7¼	7¼	7¼—	⅛
18	14⅛	Teleflex .32f	9	4	15⅜	15⅛	15⅜+	⅜
4⅜	2⅜	Tenna .08a	5	26	2⅝	2⅝	2⅝	
81⅜	5¼	Tenneco wt		56	6⅛	5⅞	6⅛+	⅛
17⅜	11⅜	Tensor		5	13⅜	13⅜	13⅜	
15⅞	11¼	Teradyn	18	7	12⅞	12⅝	12⅞—	⅛
13⅜	10⅜	TerraC .80	5	33	11⅜	11⅛	11⅜	
7⅜	6	Texstar .07e	8	78	7⅛	7¼	7¼	
4⅛	2⅜	Thorofar		7	3⅛	3	3	
3⅜	1⅞	Three D .79i	4	4	4⅜	3⅞	4⅛+	⅛
2⅝	1⅜	Tidwell	29	5	2	2	2	+ ⅛
22	16½	Tokheim .80	6	47	22¼	21¾	22⅛+	⅛
14	12⅜	TorimCp .80	7	4	13⅞	13⅜	13¾	
8½	5⅞	TotalPet	9	161	7⅜	7	7¼+	⅛
2 12-16	1⅝	TotPer wt		14	2	1⅞	2 +	⅛
17	12⅞	Total pf .70		2	14⅜	14⅜	14⅜+	⅜
2⅜	2	TransLux	15	4	2⅛	2⅛	2⅛—	⅛
3⅛	2⅜	Tredwy .05r	4	1	3	3	3 +	⅛
7⅜	5½	Trico .10e	9	8	6⅜	6⅜	6⅜+	⅛
3 11-16	1⅜	TubesM .17e		67	2½	2⅜	2⅜	
9⅛	5½	Tuftco .40	4	1	8½	8½	8½	
26⅜	22⅜	TurnrC 1.44	7	2	25¼	25⅛	25⅜+	⅛
4	3	TwinFair	10	103	4	3⅞	3⅞	
U								
15⅜	13⅛	UBI 1.20a	3	1	14¼	14⅛	14⅛—	⅛
3¾	3⅜	UIPCp .20	5	19	3⅝	3⅝	3½—	⅛
6⅜	4	UVInd wt		7	5	5	5 +	⅛
10	6⅛	UnimRx	31	18	9⅞	9⅞	9⅞—	⅛
8⅞	4⅝	UnionInv	21	70	6⅝	6⅝	6⅝+	⅛
10⅛	8¼	UnAirNa .56	6	9	9	8⅞	8⅞	
11⅜	7⅛	UnFoods		105	11⅜	11⅜	11⅜+	⅛
2	1⅜	UnNtCo		1	1⅝	1⅝	1⅝	
4½	3⅛	UPieceD		4	3½	3	3 —	⅛
9⅝	7⅜	USBcpTr		2	8¼	8¼	8¼—	⅛
16	12	USFilTr .28	10	333	16¼	15⅞	16⅛+	⅛
9⅛	8	UnRlnT .94e	13	4	8⅞	8¾	8⅞+	⅛
		UnRlnT wt		4	5-16	5-16	5-16	
5⅞	3⅞	USNRs	6	161	6	5½	6 +	⅛
15⅛	13⅞	USRbr .1a	9	1	15	15	15 +	⅛
11⅜	8¾	UnityBuy	5	2	9	9	9	
2½	1⅜	UnivCont		3	1½	1½	1½	
17⅜	13⅛	UnivRs .20a	13	24	14¼	13⅝	14⅛+	⅛
11⅝	8¾	UnivRun .52	6	3	12	11¾	12 +	⅛
15⅜	11¾	UnvSav .48	5	1	15⅛	15⅜	15⅛+	⅛
V								
13¾	10½	Valmac .70	4	53	13⅜	13⅜	13⅜+	⅛
2⅛	2⅛	ValuDv .02e		8	2⅛	2⅛	2⅛	
10⅜	8¼	VanDorn .50	6	10	9⅛	9⅛	9⅛+	⅛
15½	11⅜	Veeco .32a	7	14	15½	15⅛	15⅛+	⅛
2⅜	1⅞	Verit	5	2	1⅞	1⅞	1⅞	
9	4⅛	Vernitron	13	215	8⅜	8⅜	8⅜—	⅛
1½	1⅛	Vertiple	13	10	1⅛	1⅛	1⅛—	⅛
4⅛	2⅜	Vesely	10	1	2⅞	2⅞	2⅞+	⅛
4⅝	1⅝	Viatech	31	2	3¾	3¾	3⅝—	⅛
6¾	5¼	Virco .10	4	17	5⅝	5⅝	5⅝	
3⅜	2½	Vishay	5	1	2⅞	2⅞	2⅞+	⅛
17¾	12	Voplex .72a	6	9	16	17¾	17¾	
4½	3	VulcnCp	6	1	3⅝	3⅝	3⅝—	⅛

— 1977 — High	Low	Stocks and Div in $	P/E	Sls. 100s.	High	Low	2 p.m. Quot.	Ch'ge Prev. Close	
W									
3⅝	2¾	WTC Inc .10	11	1	3	3	3		
26⅛	19⅛	WUITInc .90	9	32	25⅝	25¼	25¼+	⅛	
13¾	10⅛	Wabash .25e	8	7	12¾	12⅝	12¾+	⅛	
8⅜	6⅜	Wacknit .40	8	13	8⅛	8⅛	8⅛+	⅛	
18¼	13½	WangLb .12	11	21	15⅛	14⅝	15 —	⅛	
17¼	11½	WangLB .22	10	7	14⅞	14⅞	14⅞+	⅛	
⅝	3⅜	Wardlz Cp		4	3⅜	3⅜	3⅜		
5⅞	4½	WarnC pf.05		66	5¼	5⅛	5¼+	⅛	
25¼	21½	WasPstB .36	8	4	22⅝	22½	22½—	⅛	
25⅜	23⅜	WRIT 1.76	15	3	24⅜	24¼	24⅜+	⅛	
2⅜	2⅛	Weiman	9	2	2½	2½	2½		
7¾	6¾	WescoF n	9	9	7¾	7¾	7¾—	⅜	
8⅞	7	WstFlnl .15a	114	35	8	7⅞	8 +	⅛	
8¼	5¼	Whlpony .20	41	22	5⅝	5½	5¾+	⅛	
3	2⅛	Whitehall	6	2	2¾	2⅝	2⅝		
⅛	1/16	Whittakr wt		3	5-16	5-16	5-16	—1-16	
6¼	2⅜	Wichita	18	9	4⅛	4	4⅛+	⅛	
9	7¾	Winkimn .40	6	10	8¾	8¾	8¾—	⅛	
1⅛	⅞	WoolLf .06e		3	1	1	1	+1-16	
11⅛	⅜	WrtnHH	88	10	⅞	⅞	⅞		
8⅛	5⅜	WvleLab .32	7	46	8⅛	7⅞	8 —	⅛	
12½	9⅞	Wynnin .30	5	12	10⅜	10⅛	10⅜+	⅛	
14½	12¼	WymBn .56	9	54	14⅝	14¼	14½+	⅜	
X									
18⅛	14⅞	Xonics		12	9	16⅛	16¼	16⅛—	⅛
Z									
10	8½	ZeroCo .36	6	7	9⅞	9⅝	9⅝		
7¼	5¼	Zimmer .24	9	9	6⅝	6¼	6¼—	⅛	

Sales figures are unofficial.

Unless otherwise noted, rates of dividends in the foregoing table are annual disbursements based on th last quarrity or semi-annual declaration. Special or extra dividends or payments not designated as regular are identified in the following footnotes.

a—Also extra or extras. b—Annual rate plus stock dividend. c—Liquidating dividend. e—Declared or paid in preceding 12 months. i—Declared or paid after stock dividend or split up. j—Paid this year, dividend omitted, deferre or no actimn taken at last dividend meeting. k—Declared or paid this year, an accumulative issue with dividends in arrears. n—New issue. r—Declared or paid in preceding 12 months plus stock dividend. t—Paid in stock in preceding 12 months, estimated cash value on ex-dividend or ex-distribution date.

x—Ex-dividend or ex-rights. y—Ex-dividend and sales in full. z—Sales in full.

cld—Called. wd—When distributed. wi—When issued. ww—With warrants. xw—Without warrants. xdis—Ex-distribution.

vj—In bankruptcy or receivership or being reorganized under the Bankruptcy Act, or securities assumed by such companies.

Year's high and low range does not include changes in latest day's trading.

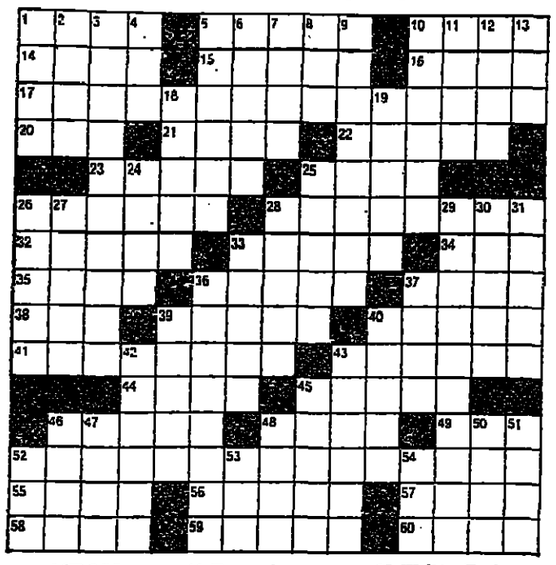
Where a split or stock dividend amounting to 25 per cent or more has been paid the year's high-low range and dividend are shown for the new stock only.

onal Bonds Traded in Europe

Midday Indicated Prices

	NorgKombk 8½-91	99½	100½	Chrysler 5-88	71½ 73½
	Norsk Hyd 8½-92	99	99¾	Conf Tel 5¼-88	85½ 87½
	NorthAmR 7¾-99	101	102	Cr Suisse 4¼-91	98½ 99½
102	*Norway 9-90*	105¾	106¾	*Cumm In 6½-86*	105 107
103¾	Norway 8½-91	103¾	104¾	Dart In 4¾-87	79 81
103¾	Occidental 9¾-83	105½	106½	East Kodak 4¾-88	98 100
105¾	Ofish Min 8¼-85	101¼	102	E. L. Int 4¾-87	79 81
100¼	Ontario 9-93	104¾	105¾	Fairchild 5¾-91	96½ 97½
103½	Ontario Hyd 8-87	99¾	100½	Firestone 5-88	84½ 86½
104¾	PennWalt 8-87	100¾	101¾	Ford 6-86	97½ 99½
104	Prov Saskat 8¾-86	102¾	103¾	Ford 5-88	87½ 89½
98¾	QuebecProv 8½-81	102	103	Gen Elec 4¼-87	87 89
101¼	QuebecProv 9-83	103	104	Gen Foods 4¾-82	91½ 93½
102½	Ralston 7½-87	99	100	Gillette 4¾-82	88 90
103	ReedBates 9½-81	103½	104½	Gillette 4½-87	79 81
98½	Sandvik 9½-86	104	105	Gould 5-87	125 127
103½	S.A.S. 8-85	98¾	99¾	GulfWestn 5-88	83½ 85½
101½	Seagram 9-83	104½	105½	Honeywell 6-86	90 92
95	SFE 9-83	104	105	I.S.E. 6¼-89	89 91
102½	Shell 8-86	103	104	ITT 4¾-87	83 85
104	Shell 7½-87	99½	100½	Komatsu 7½-90	107 108
105¼	Singer 8¾-82	102	102¾	Matsushita 6¾-90	116 117½
102¾	St Ind 8½-89	103	103¾	Mitsui 7½-90	111 112½
100¼	St Ind 8½-88	105¼	106¼	McDermit 4¾-87	153 155
102¼	S Handels 9¼-86	104½	105½	Morgan JP 4¼-87	99½ 101½
104¾	Swed St Co 7¾-82	100	101	Nabisco 5¼-88	98 100
101½	Tenneco 7½-79	101¼	102¼	Owens Ill 4½-87	123½ 125½
105	Tenneco 7¾-87	99	100	Pen	

CROSSWORD — By Eugene T. Maleska



ACROSS

1 Triumphant outbursts
5 One of the empires
10 Infant's word
14 Margarine
15 Varnish ingredient
16 No longer new
17 Rash
20 Caesar
21 Shade of blue
22 Allude
23 Irish and others
25 Mock
26 Feeds feasters for a fee
28 No longer rash
32 Start of a toast
33 Old Testament book
34 *Larry and* Curly's partner
35 Item in Player's bag
36 Drays
37 Balt., Bost., etc.
38 Win while wrestling
39 Digs in
40 Revolutionary figure: 1789
41 Portions
43 Junk
44 Formerly
45 In Dun & Bradstreet's files
46 Home on the range
48 Relocate
49 Attention
52 Act rashly
55 "Woe ——!"
56 Makes the wild mild
57 Prefix for plasm
58 Office copy, for short
59 Hide away
60 What some settle for

DOWN

1 Beer ingredient
2 "You're —— Need" *(old song)*
3 Rash
4 Important bean
5 Extends a subscription
6 Korbut and others
7 Whimper
8 Gallic friend
9 Fertilizers
10 Tar's bag
11 China's continent: Fr.
12 Writer Earl —— Biggers
13 Fruity drink
18 Circuit courts
19 Seven: Comb. form
24 Adolescent
25 Clowns around
26 Casino stack
27 Cliff dwelling
28 Tender spots
29 Rashness
30 "—— a Stranger"
31 Beau —— (courteous act)
33 Author Bret ——
36 Ideas
37 Ump's call
39 Pulitzer Prize poet: 1929
40 Parceled out
42 *Young one*
43 Devour
45 Wanders
46 Check out
47 U.S. poet, —— Lazarus
48 N.Y.C. culture spot
50 "Aida" has four
51 Old cars
52 Poetic word
53 Be a stool pigeon
54 Conger

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Now you can receive dozens of crossword puzzles each month in the Herald Tribune Crossword Puzzle Magazine. To subscribe, send check or money order for $5 (6 issues) or $10 (12 issues) to: IHT Corporation, Subscription Dept., 150 East 58th St., New York, N.Y. 10022 U.S.A.

Name_____

Address_____

City_____ Country_____

WEATHER

	O	F	
ALGARVE	17	63	Fair.
AMSTERDAM	11	52	Cloudy.
ANKARA	14	57	Cloudy.
ATHENS	16	61	Overcast.
BEIRUT	—	—	Unavailable.
BELGRADE	11	52	Fog.
BERLIN	10	50	Overcast.
BRUSSELS	12	53	Cloudy.
BUCHAREST	—	—	Unavailable.
BUDAPEST	11	52	Cloudy.
CASABLANCA	20	68	Fair.
COPENHAGEN	7	45	Overcast.
COSTA DEL SOL	19	66	Fair.
DUBLIN	13	55	Rain.
EDINBURGH	13	55	Cloudy.
FLORENCE	18	64	Fair.
FRANKFURT	11	52	Fair.
GENEVA	10	50	Foggy.
HELSINKI	6	43	Fair.
ISTANBUL	17	63	Cloudy.
LAS PALMAS	21	70	Fair.
LISBON	21	70	Fair.
LONDON	9	48	Rain.
LOS ANGELES	15	59	Cloudy.
MADRID	16	61	Fair.
MIAMI	—	—	Unavailable
MILAN	13	55	Foggy.
MONTREAL	20	68	Clear.
MOSCOW	6	43	Overcast.
MUNICH	7	45	Cloudy.
NEW YORK	18	65	Cloudy.
NICE	17	63	Fair.
OSLO	—	—	Unavailable.
PARIS	14	57	Cloudy.
PRAGUE	9	48	Cloudy.
ROME	17	63	Foggy.
SOFIA	16	61	Overcast.
STOCKHOLM	9	48	Overcast.
TEHRAN	25	77	Cloudy.
TEL AVIV	22	72	Fair.
TUNIS	15	59	Rain.
VIENNA	10	50	Fair.
WARSAW	8	46	Cloudy.
WASHINGTON	21	70	Cloudy.
ZURICH	9	48	Foggy.

(Yesterday's readings: U.S., Canada at 1700 GMT, others at 1200 GMT.)

INTERNATIONAL FUNDS

ADVERTISEMENT

April 20, 1977

The net asset value quotations shown below are supplied by the Funds listed with the exception of some Swiss funds whose quotes are based on issue prices. Following marginal symbols indicate frequency of quotations supplied for the IHT. (d)—daily; (w)—weekly; (m)—monthly; (r)—regularly; (i)—irregularly.

SANE JULIUS BAER & Co. Ltd.:
— (d) Baerbond SF358.50
— (d) Conbar SF791
— (d) Grobar SF647
— (d) Stockbar SF880

BANQUE VON ERNST & CIE.:
— CSP Fund SF24.36
— Crossbow Fund SF4.86
— ITF Fund N.V. $7.94

CAPITAL INTERNATIONAL S.A.:
— (w) Capital Int'l $15.16
— (w) Capital Italia S.A. $7.64

CREDIT SUISSE:
(d) Actions Suisses SF279.50
— (d) Canasec SF501
— (d) C.S. Fonds-Bonds SF79.75
— (d) C.S. Fonds-Int'l SF84.50
— (d) Energie-Valor SF99.25
— (d) Usec SF915
— (d) Europa-Valor SF139

DIT INVESTMENT FRANKFURT:
— (d) Concentra DM20.70
— (d) Int'l Rentenfond DM77.50

FIDELITY (BERMUDA):
— (w) Fidelity Amer. Assets $19.53
— (d) Fidelity Dlr. Sygs. Tr. $35.22
— (w) Fidelity Int'l Fund $16.22
— (w) Fidelity Pacific Fund $13.64
— (w) Fidelity World Fd. $12.96

G.T. (BERMUDA) LIMITED:
— (w) Berry Pac. Fd Ltd. $26.46
— (w) G.T. Dollar Fund $6.15

JARDINE FLEMING:
— (r) Jardine Japan Fund $36.22
— (r) Jard Sth East Asia $12.59

LLOYDS INT. MGT. cp 170 GENEVA 11
—+(w) Lloyds Int'l Growth SF431
—+(w) Lloyds Int'l Income SF952.50

PROPERTY GROWTH OVERS. Ltd.:
— (w) U.S. Dollar Fund $98.07
— (w) Sterling Fund $119.55

SEPRO:
— (w) Sepro (N.A.V.) $12.23

SOFID GROUPE GENEVA:
— (r) Parion Sw. R. Eq. SF1,168.50
— (r) Securo-Swiss SF971

SWISS BANK CORP.:
— (d) America-Valor SF46.50
— (d) Intervalor SF65
— (d) Japan Portfolio SF431.25
SF2.25
— (d) Swissvalor New Ser. SF86.50
— (d) Univ. Bond Select. SF94.50
— (d) Universal Fund SF94.50

UNION BANK OF SWITZERLAND:
— (d) Amca U.S. Sh SF31
— (d) Bond Invest SF74
— (d) Convert-Invest SF98.50
— (d) Eurit. Europe Sh SF115
— (d) Fonsa Swiss Sh SF95.50
— (d) Globinvest SF64
— (d) Pacific Invest SF31.25
— (d) Rometac-Invest SF54
— (d) Safit South Afr. Sh SF109
— (d) Sima Swiss R. Est SF175

UNION INVESTMENT, Frankfurt.
— (d) Atlantikfonds DM13.45
— (d) Europafonds DM25.50
— (d) Unifonds DM19.05
— (d) Univerta DM42.40
— (d) Unirpecial T DM64.75

Other Funds

(w) Alexander Fund $8.77
(x) Transcor Int. Fd (AEIF) $6.05
Austral. Select Fd $1.20
(w) Brownlnvest $12.56

(d) Capital Rentinvest LF1,212
(d) Citadel Fund $2.65
(i) Cleveland Offshore Fd $87.95
(w) Convert. Fd. Int. A Certs. $7.69
(w) Convert. Fd. Int. B Certs. $12.57
(d) Convert. Bond Fd. N.V. $9.30

(w) D.G.C. $33.41
(d) Dollar Fund (ex-div.) $9.81
(d) Dreyfus Fund Int'l $13.38
(w) Dreyfus Internationel $11.86
(w) Europe Obligations LF1,014
(w) First Intern'l Fd. $120.60
(w) First Int'l Realty Sec. $1,130.97
(d) First Nat'l City Fund $9.56
(w) Founders Issue Pr. $P1.14
(d) Formula Selection Fd. $P70.65
(d) Fonditalia $9.51
(d) Frankf.-Trust Interam. DM17.75
(d) Fund of N.Y. (ex-div.) $0.61
(w) Future Australia Fd Aug.$7.98

(w) Guardian Gr. Fd. Int'l 53.11
(w) HausmannRidge N.V. $1,763.36
(i) H.O.I.T. Hotel $33.33

(d) Icofund $10.03
(d) Interfund S.A. $8.50
(w) Intermarket Fund $134.50
(w) Int'l Inc. Fund (Jersey) $22.65
(r) Int'l Securities Fund $5.28
(r) Invest Atlantique $7.05
(d) Italamerica S.A. Fund $7.70
(r) Italcorpus Int'l Fd. S.A. $8.93
(r) Japan Growth Fund $19.86

(d) Japan Selection Fund $43.76
(x) Japan Pacific Fund $22.61
(d) KB Income Fund LF1,810
(d) Kleinwort Benson Int. F. $11.23
(w) Kleinwort Ben. Jap. F. $34.92
(c) Leverage Cap Hold $74.25
(w) Luxfund $19.80

(m) MAGNUM Fund Ltd $79.06
(d) Mediolanum Sel. Fund $8.11
(d) Neuwirth Int'l Fund $1.25
(d) Neuwirt. Int. Fund $2.72
(r) Nippon Fund $31.00
(w) Nor. Amer. Inv. Fund $6.07

(w) Nor. Amer. Bank Fd $8.22
(r) N.A.M.I. $37.07
(d) Putnam Intern'l Fund $22.67
(d) Regta Fund LF2,765
(d) Rendifonds LF...79
(d) Safe Trust Fund $10.00
(w) Samurai Portfolio SF55.50
Share Realty N.V. SF10.51
Share International N.V. $1.55
(w) SMH Special Fund DM27.70
(d) Soros Fund $221.43

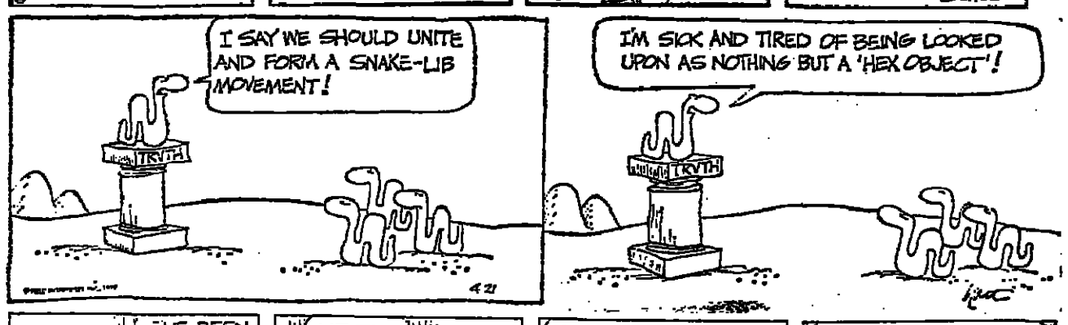
(w) Talent Global Func $8.24
(w) Tokyo Pac. Hold. (Seal) $20.49
(w) Tokyo Pac. Hold. N.V. $41.82
(w) Transpacific Fund $24.12
(w) United Can Inv. Fd. $7.83
(c) Universal Dollar Trust $4.77
(d) U.S. Trust Invest. Fd. $10.23
(w) Western Growth Fd. $5.60
(w) Western Hedge Fund $1,236.12
(w) West Proprietare N.V. $1,736.55
(d) World Ecufty Grth Fd. $296.65
(w) Worldwide Securities $50.65
(w) WorldWide Special $2 100.02

DM — Deutsche Mark; * — Ex-dividend; n — New; N.A. — Not available
BF — Belgian francs; LF — Luxembourg francs; SF — Swiss francs.
+ — Offer price; a — Asked; b — Bid. Change F/F $10 to $1 per unit.
S/S — Stock Split. ** Ex RTS.

PEANUTS



B.C.



BLONDIE



BEETLE BAILEY



ANDY CAPP



WIZARD of ID

BRIVIC MORGAN M.D.



RIP KIRBY

JUMBLE® THAT SCRAMBLED WORD GAME

by Henri Arnold and Bob Lee

Unscramble these four Jumbles, one letter to each square, to form four ordinary words.

ARICH

NUNAL

DABBIE

PAKRUM



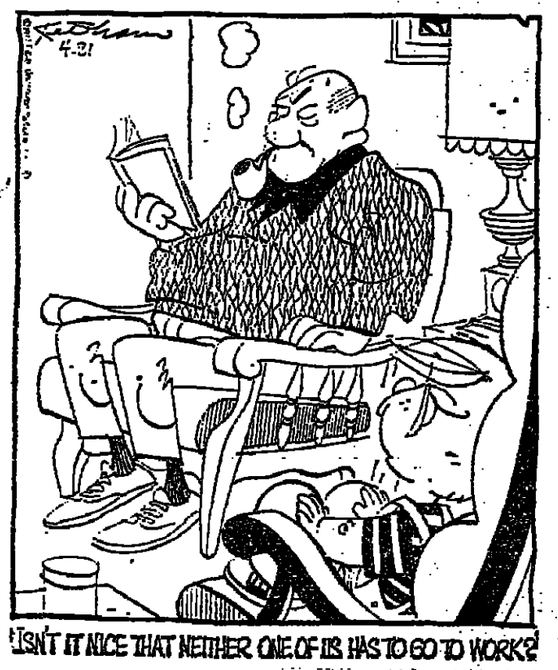
Now arrange the circled letters to form the surprise answer, as suggested by the above cartoon.

Print answer here: "_____"

(Answers tomorrow)

Yesterday's Jumbles: CLEFT SCARY HAZING GRAVEN
Answer: How to stop a horse — "HALT-ER"

DENNIS THE MENACE



BOOKS

THE LAST PLACE ON EA

By Harold T. P. Hayes. Stein & Day, 22

Reviewed by Anatole Broyarc

IMAGINE a world in which there are no animals but men, women and children. Imagine them staring at one another, wondering where all the various species have gone and what they were like. Picture man as driven up against some final biological wall, awaiting his turn for extinction. This is the image, not immediate, but ultimate, with which some highly reputable conservationists are threatening us. If animals can survive in the world, they argue, man can. If animals cannot, neither can man. Even *homo sapiens*, they claim, needs a habitat and no one is quite sure what that habitat must include. This is why we must hold on to the few primeval and self-sustaining habitats left in the world, so that we can learn more about them.

Serengeti, Tanzania's great national park is the most perfect of all remaining natural habitats. It contains two million large mammals, which, as ecologists put it, interact responsively with their environment, naturally adjusting themselves, in ways not yet understood by science, to the land's capacity to support them. Harold T. P. Hayes, a former editor of Esquire, went to Serengeti to discover for himself, and to frame for us, the wider issues involved in "the politics of nature."

While Serengeti is regarded by many scientists as a sort of paradise regained, Hayes points out that every major civilization has eventually destroyed its wildlife—and civilization is rapidly overtaking Africa. It is a great tribute to Tanzania's President Julius Nyerere that, while his nation is one of the 25 poorest in the world and has a high birthrate, he has managed to keep Serengeti from being turned into pastureland or farms. What is just as remarkable is the fact that Tanzania has resisted tourism because, the author says, it tends to corrupt the life style of a nation and to reduce its people to a service force.

Hayes has interviewed the men who played the leading parts in the development of Serengeti, including Bernhard Grzimek, author of "Serengeti Shall Not Die." Describing himself as a "showman of pity," Grzimek is also a flamboyant personality who walks around with a lion at his heels and once wrestled wolves in the nude for a Leni Riefenstahl film. Grzimek is something of a genius at fund-raising and a generous man with the income from his books and a television program. He has been called "a modern Noah."

In "The Last Place on Earth," Hayes observes that the issues in the politics of nature have become so polarized that it is very difficult to arrive at a balanced opinion. Sometimes the survival of Serengeti has required the Tanzanian government to move a number of its people from one place to another to preserve the surrounding ecosystem. This has led to outcries that humans are being discriminated against in favor of animals. Aroused conservationists are capable of contending that this is no more than just. Lions and elephants cannot vote, they say, and beside there are no animals but men, women and children. Imagine them staring at one another, wondering where all the various species have gone and what they were like. Picture man as driven up against some final biological wall, awaiting his turn for extinction. This is the image, not immediate, but ultimate, with which some highly reputable conservationists are threatening us. If animals can survive in the world, they argue, man can. If animals cannot, neither can man. Even *homo sapiens*, they claim, needs a habitat and no one is quite sure what that habitat must include. This is why we must hold on to the few primeval and self-sustaining habitats left in the world, so that we can learn more about them.

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While Serengeti is regarded by many scientists as a sort of paradise regained, Hayes points out that every major civilization has eventually destroyed its wildlife—and civilization is rapidly overtaking Africa. It is a great tribute to Tanzania's President Julius Nyerere that, while his nation is one of the 25 poorest in the world and has a high birthrate, he has managed to keep Serengeti from being turned into pastureland or farms. What is just as remarkable is the fact that Tanzania has resisted tourism because, the author says, it tends to corrupt the life style of a nation and to reduce its people to a service force.

Hayes has interviewed the men who played the leading parts in the development of Serengeti, including Bernhard Grzimek, author of "Serengeti Shall Not Die." Describing himself as a "showman of pity," Grzimek is also a flamboyant personality who walks around with a lion at his heels and once wrestled wolves in the nude for a Leni Riefenstahl film. Grzimek is something of a genius at fund-raising and a generous man with the income from his books and a television program. He has been called "a modern Noah."

In "The Last Place on Earth," Hayes observes that the issues in the politics of nature have become so polarized that it is very difficult to arrive at a balanced opinion. Sometimes the survival of Serengeti has required the Tanzanian government to move a number of its people from one place to another to preserve the surrounding ecosystem. This has led to outcries that humans are being discriminated against in favor of animals. Aroused conservationists are capable of contending that this is no more than just. Lions and elephants cannot vote, they

Solution to Previous Puzzle

D	A	S	H		O	M	A	H	A		E	C	A	D
E	C	T	O		K	A	R	E	N	B	L	A	C	K
B	L	A	C	K	E	Y	E	D	S	U	S	A	N	S
T	U	R	K	E	Y		S	E	A	L	A	N	E	
				A	S	H		R	E	L	S			
A	G	O	G			A	L	S				D	I	E
G	R	A	Y	A	R	E	A		B	E	T	R	A	Y
N	O	T	B	L	A	C	K	O	R	W	H	I	T	E
E	T	H	E	L	S		M	A	D	E	O	V	E	R
W	E	S			D	E	R			R	E	D	S	
			S	A	L	E		S	P	A				
	W	H	I	N	E	R	S		O	D	E	S	S	A
W	H	I	T	E	T	A	I	L	E	D	D	E	E	R
M	I	L	K	W	H	I	T	E	S		G	R	A	M
S	T	O	A		E	L	E	G	Y		E	E	L	Y

BRIDGE — By

A feature of bridge that makes it unfortunately unique among all games and sports is the fact that the mere act of thinking can create problems and arguments. Thinking is of course inseparable from the game, but it can create an ethical difficulty: If a player hesitates about what to bid, his partner may not draw any inference therefrom.

After a pass from North, as shown on the diagram, East opened the bidding with one spade and South made a simple overcall of two hearts. He had a lot in reserve for this bid, but was rightly confident that he would have another opportunity.

It turned out to be at a high level. West bid three hearts, which in the methods of the partnership indicated a singleton heart and interest in a spade game. East duly bid four spades, and South now bid his clubs at the level of five. East persevered with his spades and the trouble started.

South thought for some time and then doubled. This made it clear that he held considerable high-card strength as well as two long, strong suits. But it also suggested some indecision, so North removed to six clubs.

The confusion resulting from the hesitation corrupted East's judgment. His hand was entirely suitable for six spades and most unsuitable for defense, so he should have p partner to d push on or t he doubled, sil ending the auc

Now it was astray. The s lead of the di have led to a the contract, would have tak red suit. Inst spade king, a home. He ru and drove out hearts in his cards for the dummy

WEST
♠ KJ1094
♡ 5
◇ KQ63
♣ 852

North and So
The bidding:

North	East
Pass	1 ♠
Pass	4 ♣
Pass	5 ♠
6 ♣	Dbl.
Pass	

West led the s

Best

The Ne

This list is more than 250 the United S necessarily cons

This week

1 Oliver's Stor Segal
2 Trinity, by L
3 Falconer, by
4 The Crash of E. Erdman
5 How To Sav Life, by Erle
6 Raise the Tit Cussler
7 *The Chanc* script, by Ro
8 October Ligh Gardner
9 The Valhalla Harry Patter
10 Voyage, by S den

NOI

1 Roots, by Al
2 Passages, by
3 Your Erroneo Wayne W. D
4 The Gamesm chael Marcob
5 Haywire, by ward
6 Changing, by
7 The Grass I Greener Over Tank, by Ert
8 The Hite Repo Hite
9 The David Kop David Kopay Deane Young
10 Majesty, by S

Germany Losing Beckenbauer to U.S.

From Wire Dispatches

MUNICH, April 20.—West German soccer Main Franz Beckenbauer, his remarkable ernational career apparently over, said today would probably be playing in the United ites by the end of May.

The New York Cosmos club of the North ierican Soccer League is reported to have ered 7 million marks ($2.89 million) for the year-old skipper of triple European chamns Bayern Munich, left out of the West Gern side yesterday for the first time since 0.

West German team manager Helmut Schoen's ision to leave out Beckenbauer for two forthming international exhibitions was caused by orts that the player would move to the ited States before West Germany defends World Cup title in Argentina in 1978.

eckenbauer, widely regarded as the world's central defender, said after a training ses- here that he will probably start playing the United States after the West German ser season ends on May 21.

le said he expected to play his first game for mos on May 28, the date on which Brazilian r Pele, whom he is due to replace as the 's top attraction, is scheduled to leave the .

he West German sports-agency SID reportstoday that Cosmos press spokesman Jim cker had told it from New York that a con- t with Beckenbauer has not yet been signed.

Trecker added, however, that the club wanted to sign the player as soon as possible. "There will be no problems about money. We are the richest club in the world," he was quoted as saying.

West German newspapers today gave front-page treatment to the news of Beckenbauer's impending move to America and the apparent end of his international career during which he represented West Germany 103 times.

Bayern today called a crisis board meeting for Saturday to discuss the Beckenbauer case and club chairman Wilhelm Neudecker has declined all comment until then.

The news that "Kaiser Franz," as he is called here, appears headed for New York stunned millions of West German and European sport fans and many coaches and players, even though there had been hints in the past that he would consider foreign offers.

Unlike other soccer greats who made their reputations as high-scoring individualists, Beckenbauer has become one of the most respected players in the modern history of the game as a defensive man and superb team player.

He has a fluid and unruffled style of play under pressure that is similar to the way Joe DiMaggio and Willie Mays played baseball.

He is, in West Germany and much of Europe, also just as popular as those American stars were in the United States.

Leach Puts Flyers in Position To Clinch Maple Leaf Series

By Robert Fachet

PHILADELPHIA, April 20 (WP).—Reggie Leach is often criticized for his relaxed approach to hockey, so it was fitting that the Philadelphia Flyers' right wing concluded his 2-0 triumph over the Toronto Maple Leafs last night by scoring while lying on his side.

That goal resulted from far more effort than his first score, and his teammates were sufficiently impressed to skate out on the ice to offer congratulations.

Goalie Wayne Stephenson received similar attention at game's conclusion, but his 21-save effort was routine, made so by a combination of Flyer checks and Leaf distress.

The Leafs now trail 3 games to 2 with the specter of elimination surrounding tomorrow night's sixth game in Maple Leaf Gardens.

Leach scored 61 goals in the regular season last year and a record 19 in the playoffs, and similar feats were expected this season. Instead, he reached December with fewer than 10 before refining things a bit to finish with 32.

His stick was silent in the first three games of this series, but it has inspired a lot of noise in the last two. Leach scored twice Sunday in Toronto, including the game winner in overtime, and he controlled the red lights last night.

In the first period, the forechecking pressured Toronto rookie defenseman Randy Carlyle into an errant pass. Philadelphia defender Bob Dailey intercepted just inside the Toronto blue line and fired wide. The puck caromed from the rear boards to Orest Kindrachuk, who shoved it across the crease to Leach, who scored.

In the third period, with Toronto pressing, Bobby Clarke flipped the puck into the slot where it became a lively item. Toronto goalie Mike Palmateer and defenseman Ian Turnbull tried vainly to smother it while the other backliner, Borje Salming, tried to smother Leach. He didn't succeed either.

"That defenseman had me and knocked me down," Leach said. "I got up and he knocked me down again. The third time when I started to get up the puck was lying there and I whacked at it."

It sailed high over Palmateer, desperately diving to make one more retrieve. Palmateer stopped 37 shots, including eight during an early two-minute stretch, and struggled back after being skated over by both Leach and Gary Dornhoefer.

As the Flyers' Moose Dupont left the penalty box after one of four visits, he found himself open on the left side. Cut off by Larry McDonald's desperate lunge, Dupont fed Leach on the right wing. Leach, too close to shoot, crashed into Palmateer, then brushed the goal post. It was five minutes before Palmateer could rise, but he stayed in the net.

The result was the first victory by a home team in this series. It was most appreciated by The Spectrum faithful, who filled the building despite a transit strike. And, for an added roar, the message board informed them that ex-Flyer bully boy Dave Schultz had scored in Los Angeles' victory over Boston.

Kings 3, Bruins 1

At Boston, unlikely as the prospect seemed last weekend, Los Angeles has come back to attack the Bruins like a case of measles. It may not be fatal, but it sure is annoying enough to cause concern.

The rejuvenated Kings beat the Bruins at Boston Garden, 3-1, to send their best-of-seven Stanley Cup quarter-final series back to Los Angeles for game No. 6 tomorrow night.

The Bruins, who sneaked into first place in the Adams Division on the last day of the NHL's regular season, led the series, 3-0, before a 7-4 loss at The Forum in Inglewood, Calif., on Sunday. After last night's game, in which they outshot the Kings by 40-21, they must be looking over themselves for red blotches.

Their No. 1 nemesis was Rogatien Vachon, the nimble little 31-year-old goaltender, who stops shots with just about everything but his moustache. He was deservedly voted the game's first star.

The game-winning goal came exactly one minute into the third period, off the stick of Boston defenseman Brad Park.

Kings' defenseman Bob Murdoch and left-wing Gene Carr went in on Boston goalie Gerry Cheevers two-on-one with only Park to help out. Cheevers stopped Murdoch's shot but the puck went into the goal when Park tried to clear it without having control.

Murdoch got credit for the score, his second of the playoffs, with assists to Carr and Dave Hutchinson.

"It was just unlucky. The rebound could have gone a thousand ways," said Cheevers.

Thereafter Vachon took over, and his acrobatic netminding protected the Kings' slim lead in the first low-scoring and playoff-like game of the series. A record 43 goals had been scored in the first four games.

The Bruins pulled Cheevers with 33 seconds to go and, after their last-gasp shot sailed wide, L.A. captain Mike Murphy dumped his fourth goal of the playoffs into an empty net, one second before the final siren.

WHA Playoff

QUARTER-FINAL ROUND

Quebec 2, New England 0 (Boudrias, Pitchner, S. Bernier). Quebec wins best-of-seven series, 4-1.

Major League Standings

NATIONAL LEAGUE

Eastern Division

	W	L	Pct.	GB
Montreal	6	3	.667	—
St. Louis	7	4	.636	—
New York	6	5	.545	1
Chicago	4	6	.400	2 1/2
Pittsburgh	4	6	.400	2 1/2
Philadelphia	3	6	.333	3

Western Division

Los Angeles	8	2	.800	—
Atlanta	6	5	.545	2 1/2
Houston	5	5	.500	3
San Diego	5	7	.417	4
San Francisco	4	6	.400	4
Cincinnati	4	7	.364	4 1/2

(Wednesday's game not included)

Tuesday's Results

Montreal 6, Pittsburgh 0.
Philadelphia 7, Chicago 5.
New York 5, St. Louis 2.
Atlanta 4, San Diego 1.
San Francisco 7, Houston 4.

Wednesday's Games

St. Louis 4, New York 2.
Los Angeles 3, Cincinnati 1.
Pittsburgh at Montreal.
Philadelphia at Chicago.
San Diego at Atlanta, n.
San Francisco at Houston, n.

AMERICAN LEAGUE

Eastern Division

	W	L	Pct.	GB
Milwaukee	7	2	.778	—
Toronto	7	5	.583	1 1/2
Baltimore	5	4	.556	2
Cleveland	4	5	.444	3
Boston	4	5	.444	3
Detroit	3	9	.250	5 1/2
New York	2	8	.200	6 1/2

Western Division

Chicago	6	3	.667	—
Oakland	7	4	.636	—
Kansas City	6	4	.600	1/2
Texas	5	4	.556	1
Minnesota	6	6	.500	1 1/2
California	6	7	.462	2
Seattle	6	8	.429	2 1/2

Tuesday's Results

Toronto 8, New York 3.
Milwaukee 5, Oakland 4.
Boston 11, Detroit 3.
Kansas City 11, Minnesota 3.
Baltimore 6, Cleveland 5.
California 11, Chicago 2.
Texas 3, Seattle 1.

Wednesday's Games

Toronto at New York.
Milwaukee at Oakland.
Cleveland at Baltimore, n.
Detroit at Boston, n.
Minnesota at Kansas City, n.
Texas at Seattle, n.
Chicago at California, n.



United Press International.

HELPING OUT HIS GOAL—Maple Leafs' goalie Mike Palmateer knocks out shot of Flyers' Paul Holmgren and has help in protecting nets from teammate Mike Relyk.

Canada New Attraction For World Hockey Title

VIENNA, April 20 (Reuters).—Canada, teacher of ice hockey to the world, tomorrow returns to the world championships after a seven-year layoff. But its pupils seem likely to prevail.

For though this is the first official open championship between the professionals of North America and the European "amateurs," the Canadian team here is "second rate" and not likely to challenge the supremacy of Czechoslovakia and the Soviet Union.

Still, the Canadian presence is the main attraction of this year's event. After ruling the ice hockey world for decades, the amateur sides representing Canada found themselves regularly outstripped by the top European nations through the late 1950s and 1960s.

Then seven years ago Canada withdrew from the world ice hockey scene in protest against being prevented from sending a representative professional team, rather than the amateurs who were no match for the rapidly improving full-time players of Czechoslovakia, the Soviet Union and Sweden.

These countries did not want to forfeit their chances of taking part in the Olympic Games by playing against professionals, but after long negotiations with the International Olympic Committee, the green light for "open" championships was given and the world ice hockey family was reunited.

In recent years, teams of Canadian professionals have played and beaten the top clubs from Europe. This time, however, the two North American professional leagues, for which Canada provides most of the players, are involved in post-season playoffs, and the Canadian selectors have had to choose players from clubs ineligible for the playoff rounds.

After a series of lacklustre warm-up games against Sweden, Finland and West Germany earlier this month, the Canadians were severely beaten, 7-1, by reigning world champions Czechoslovakia, and there are doubts they can improve enough to contend seriously for the title this year.

Czechoslovakia is favorite, having selected almost the entire team that won the title last year, though it will be without one of their star forwards, Josef Augusta.

The Soviet Union, which has won the world title 14 times since it entered the world arena in 1954, has been experiencing a generation problem for several years. After the failure of a young team to win last year's title and a poor performance at a Canadian tournament last autumn, the Soviet Union has recalled some veterans such as Alexander Yakushev, 30, Boris Mikhailov, 32 and Valeri Kharlamov, 29.

Sweden, widely tipped as the fourth serious contender for a medal, has a team of younger players and can be relied upon to give a stable performance and perhaps produce a few upsets.

Finland is most widely tipped to take fifth place. The team is composed of veterans who have played in the national side for several seasons.

The United States team is composed of professionals and amateurs who met for the first time last week and played its first matches as a team against Czechoslovakia last Thursday.

Spitz, Gould Swim to Fame

FORT LAUDERDALE, Fla., April 20 (AP).—Mark Spitz and Shane Gould, stars of the 1972 Olympics, have been inducted into the International Swimming Hall of Fame along with nine others. Yesterday's ceremonies boosted the number of persons honored to 174.

Spitz, an American, won seven gold medals and set seven world records in the 1972 Olympics, while Gould, of Australia, dominated the women's events with three golds, a silver and bronze.

Others chosen were Americans Debbie Meyer and Mike Burton, each a winner of three Olympic gold medals; Galina Prozumenshikova Stepanova of the Soviet Union, who won five medals in three Olympics; American Chet Jastremski, who set 15 world records; Alex Jany of France, who was a medalist in the 1948 and 1952 Olympics, and diver Mickey Riley Galitzen of the United States, who won four medals in the 1928 and 1932 Olympics. Also honored were American coaches George Haines, Peter Daland, and Sherman Chavior.

Germany Beats Borussia Struggles to European Cup Final

...IS, April 20 (Reuters).—...German champions Borus...enchengladbach and Liver... England tonight qualified ...e European Cup soccer ...hich will take place in ...on May 25.

...pool coasted to a 6-1 ag... victory over Zurich, ... tonight's second leg semi-final match 3-0 before a crowd of 50,000 at their Anfield ground. But for Borussia it was a desperate struggle, their 2-0 victory giving the Germans a 2-1 aggregate over Dynamo Kiev of the Soviet Union.

A crowd of 70,000 at the Rheinstadion in Duesseldorf saw Borussia level the aggregate score with a first-half penalty by Bonhof and then clinch their final place eight minutes from final time when Wittkamp headed the winner.

The final will be a repeat of the 1973 UEFA Cup final which Liverpool won, 3-2, on aggregate and will mark the fourth straight year a West German team has made it to the showdown game. Bayern Munich won the European Cup the last three times. It is only the third appearance in the final by an English club.

Tonight Liverpool steamrolled over the Swiss with two goals from Jimmy Case and a third from Kevin Keegan.

Hamburg SV of West Germany and Anderlecht of Belgium, the holders, reached the Cup Winners' Cup final while Spain's Athletic Bilbao and Juventus of Italy won through to the UEFA Cup final.

Hamburg beat Atletico Madrid 3-0—all the goals coming in the first half—to wipe out the Spaniards' 3-1 first-leg advantage. Spanish defender Capon put the ball into his own net from a free kick in the 19th minute to give Hamburg the lead and then German strikers Reimann and Keller hit the other goals in the 22d and 28th minutes.

Anderlecht, 1-0 down after the first leg, beat Napoli of Italy, 2-0, tonight with a goal in each half, one from Jean Thissen and the other by François Vander Elst.

Juventus scored a 1-0 away triumph over AEK Athens for a 5-1 aggregate victory while Athletic Bilbao was held to a goalless draw by the Belgian side RWD Molenbeek but qualified on the away goals rule, having drawn the first leg in Belgium, 1-1.

...teh Agrees ...Monte Carlo

...DON, April 20 (AP).—...light-heavyweight champ...hn Conteh signed a con... defend his title against ...na's Miguel Cuello in ...Carlo May 21 less than an ...efore the deadline imposed ...World Boxing Association.

...eh wanted the fight staged ...itain. The WBC, along ...television companies who ...p most of the $263,500 ...wanted the fight in Monte

...Brooks Robinson: Old-Time Cure for Orioles

...TIMORE, April 20 (UPI).—...ks Robinson worked his ...s magic one more time for ...ometown folks, hitting a ...ning three-run pinch-hit ...run last night. And sud... Baltimore Orioles' manager ...Weaver is counting on the ...r-old's heroics to have an ...ng effect on his young club. ...there is such a thing as a ...logical thing, this is it," ...Weaver, glowing over Robin...game-winning homer that ...ed a 6-5 victory and four-...inning streak.

"...s was a case of Brooks ris...the occasion," said Weaver. ...Laroche threw him some ...pitches but Brooks just ...him off. Then when the ...went to 3-2, he had to come ...oks."

...Orioles' four-run 10th frame ...Dyar Miller the winning ...in relief and Laroche a ...loser. Cleveland's three-...h inning, highlighted by ...op Frank Duffy's well-...fly ball triple, had snap...2-2 tie after Oriole Mike ...an and Indian Dennis Eck...had dueled to a dead heat ...e innings.

"...ks showed the young guys ...s club exactly what it's ...o take," said Doug De...the third baseman who re... Robinson last year. "It's ...o take 25 guys."

...homer was Robinson's ...areer shot and his first hit ...e trips to the plate this ...season.

"...the oldest guy in the ...and proud of it," said Rob... who will be 40 May 18.

"This could have only been a happier thing if it would have taken place on opening day here with a big crowd my first time at bat. But I'll take it now."

Laroche was tagged for a lead-off single by Ken Singleton, a walk by Decinces and a run-scoring single by Lee May before Robinson was sent to the plate to bat for rookie Larry Harlow.

"You never expect a home run from any pinch-hitter," Weaver said, "but this was one time you had to have tears in your eyes. Everybody was saying 'This is it' for him and it's not it. He did it, he won the game with a home run and he might do it again."

The entire Orioles bench rushed onto the field mobbing the veteran generally recognized as baseball's all-time greatest fielding third baseman.

"It was one heck of a game and a great reception," Robinson said. "I only saw fastballs from him and must have fouled off seven of them. This is going to help us, I hope, especially the younger guys who will realize it's going to be a wide open race in our division."

Rangers 3, Mariners 1

At Seattle, Toby Harrah slammed a three-run homer in the ninth inning to provide Texas with a 3-1 victory over the Mariners. Seattle rookie starter and loser Gary Wheelock, 2-1, was bidding for his third triumph without a loss when Claudell Washington hit a one-out single and was forced by Mike Hargrove. Ken Henderson walked and Harrah homered.

Angels 11, White Sox 2

At Anaheim, Calif., Joe Rudi cracked four hits, including a three-run homer, and Frank Tanana hurled a six-hitter for his third victory in an 11-2 romp for the Angels over the Chicago White Sox. Danny Briggs and Bruce Bochte also contributed their first homers, while Bochte and player-coach Andy Etchebarren had three hits apiece to spearhead the 14-hit California attack.

Tanana, supported by 35 runs in his first four starts, yielded home runs to Jim Spencer and Eric Soderholm while striking out eight.

Royals 11, Twins 3

At Kansas City, light-hitting Frank White homered and doubled to drive in three runs during a seven-run fifth inning to lead the Royals to an 11-3 rout of Minnesota. White, a lifetime .232 hitter batting .167 going into the game, led off the fifth with his first homer. After the Royals batted around, he drove in the final two runs of the inning with a double down the left-field line. White also singled to drive in a run and scored another during a three-run third inning.

Brewers 5, A's 4

At Oakland, Calif., Dan Thomas tripled home the tying run, then scored the winner when he kicked the ball out of the hands of Oakland catcher Manny Sanguillen in the ninth to give Milwaukee a 5-4 triumph over the A's. A pair of two-run homers by Earl Williams and pinch-hitter Rich McKinney in the eighth inning gave the A's a 4-3 lead, but Milwaukee tied the score in the ninth on a leadoff double by Jamie Quirk and a one-out pinch-hit triple by Thomas. Pinch-hitter Steve Brye then grounded to third baseman Wayne Gross whose throw to the plate had Thomas beaten. But Thomas kicked the ball out of Sanguillen's hands and slid across the plate with the winning run.

Red Sox 11, Tigers 3

At Boston, Rick Miller celebrated his 29th birthday by driving home three runs with three hits and scoring twice, while Rick Burleson added three hits and two rbi in a 17-hit attack which provided the Red Sox with an 11-3 victory over Detroit. Miller brought in Boston's fourth run in a six-run second inning with a double that chased Tigers' starter and loser Ray Bare. Burleson greeted reliever Jim Crawford with a two-run homer to cap the inning. Butch Hobson also doubled home two runs in the inning.

Phillies 7, Cubs 5

At Chicago, Ted Sizemore tripled home two runs during a five-run third inning and Larry Bowa hit his fifth career homer to power Philadelphia to a 7-5 triumph over the Cubs. Sizemore's triple came after run-scoring singles by Jay Johnstone and Dane Iorg. Sizemore scored on winning pitcher Larry Christenson's single as the Phillies batted around for the first time this season, sending 10 men to the plate.

Braves 4, Padres 1

At Atlanta, Gary Matthews and Rowland Office homered in support of the five-hit, 10-strikeout pitching of Dick Ruthven to give the Braves a 4-1 victory over San Diego. Matthews' homer, a two-run drive in the fourth inning, was his first as a Brave.

Mets 5, Cards 2

At St. Louis, a sacrifice fly by pinch-hitter Ed Kranepool broke a 2-2 sixth-inning tie and sent the New York Mets off to a 5-2 victory over the Cardinals. Kranepool's fly drove in pinch-runner John Milner, who entered the game after Joe Torre walked. Milner was sacrificed to second base by Roy Staiger and went to third on John Stearns' single that knocked out starter and loser Pete Falcone, now 0-2.

Giants 4, Astros 1

At Houston, Willie McCovey, with a sixth-inning single, drove home Bill Madlock and Darrell Evans to provide San Francisco with a 7-4 victory over the Astros.

Wednesday

Dodgers Defeat Reds on Homers

CINCINNATI, April 20 (UPI).—Dave Lopes and Ron Cey each homered today to power Los Angeles to a 3-1 victory over the Cincinnati Reds and extend the Dodgers' winning streak to seven games.

Los Angeles pitcher Don Sutton gave up seven hits in gaining his second victory of the season.

Lopes' homer, his first, led off the first inning. Cey's two-run blast, his third homer, came off loser Fred Norman in the sixth inning.

Cards 4, Mets 2

At St. Louis, Ted Simmons hit a three-run homer off Jon Matlack to give the Cardinals a 4-2 victory over the New York Mets. Eric Rasmussen picked up his first triumph of the season after two losses.

Simmons' homer to left field in the sixth inning drove in Don Kessinger and Heity Cruz after each had singled. Simmons also singled home a run in the eighth.

Bullets' Kupchak Has Time to Succeed

...STON, April 20 (WP).—...Kupchak scored a career-...points last night and led ...ashington Bullets from an ...it second-quarter deficit ...111-101 conquest of the ...n Rockets in their East-...nference semifinal playoff ...in a best-of-seven series.

...hak also grabbed 16 re... as he played 40 minutes, ...igest stint in his rookie ...al Basketball Association ...Kupchak was good on ...8 shots from the field.

...6-foot-10 competitor, who ...it a breakneck pace, play-...t of the game at the so-..."small forward" position ...he Bullets found out that ...6-foot-5 Kevin Grevey was in over his head against the towering Rockets.

Elvin Hayes made one of his two free throws on the Bullets' first possession, but then all seemed to cave in on the Bullets. The next 16 times they had the ball, they missed 12 shots and turned the ball over four times. The Rockets ran off 16 consecutive points, eight of them by Rudy Tomjanovich.

That's when Bullets' coach Dick Motta inserted Kupchak and that's when the Bullets got into the game.

Kupchak scored the Bullets' first field goal, on a follow of a missed Tom Henderson shot with 6:07 elapsed. By quarter's end, Washington had whittled the difference a bit, 26-13.

That 13 points marked a season low for the Bullets in the first period and they shot a dismal 24 per cent in recording it. The Rockets missed only eight shots the entire quarter.

"We really came out flat," Motta said. "But I say if you are going to look bad, do it in the beginning, not at the end of the game. And we sure looked bad."

Kupchak and his fellow first-round pick in the 1976 NBA draft, guard Larry Wright, ran circles around the Rockets at the end of the first half and the Bullets outscored them, 19-4. Amazingly, halftime found the score 46-46.

Kupchak, who averaged 10.4 points a game during the regular season, scored 13 of his points in the third quarter, when the Bullets moved ahead to stay.

...r Ousts Stockton

...RLOTTE, N.C., April 20 ...rs).—Dick Stockton, the ...ree-tournament winner on ...orld Championship Tennis ...this year, was knocked ...the WCT classic in the ...ound here yesterday. Tom ...of the Netherlands rallied ...a poor first set to beat the ...led Stockton, 3-6, 6-1, 6-1. ...needs to win this tourna... to have a chance to qualify ...e WCT finals in Dallas ...month.

NBA Playoff

CONFERENCE SEMIFINAL

...lington 111, Houston 101 (Kup... 32, Hayes 22; Newlin 24, Tom... 19). Bullets lead best-of-...series, 1-0.

Tuesday's Line Scores

AMERICAN LEAGUE

Toronto 000 421 100—8 11 0
New York 000 100 101 3 8 2
Garvin (3-0) and Ashby; Patterson, Guidry (4), Tidrow (7) and Munson. L—Patterson (0-1).

Milwaukee 000 110 012—5 10 1
Oakland 000 000 040—4 9 1
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Detroit 201 000 000— 3 10 2
Boston 002 020 01x—11 12 2
Bare, Crawford (2), Grilli (7) and May; Stanley, Campbell (8) and Fisk. W—Stanley (1-0). L—Bare (0-2). HR—Burleson (1st), Otis (3d).

Texas 000 000 001—1 5 1
Seattle 0000 000 001—1 5 1
Boggs, Lindblad (8) and Sundberg; Wheelock (2-7) and Stinson. W—Lindblad (1-0). HR—Harrah (3d), Meyer (3d).

Chicago 010 000 100— 2 6 2
California 021 512 00x—11 14 1
B. Johnson, Martinez (4), Hamilton (5), Dal Canton (7) and Essian; Tanana (3-0) and Etchebarren. L—Johnson (1-1). HR—Spencer (1st), Soderholm (1st), Rudi (3d), Briggs (1st), Bochte (1st).

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Pittsburgh 000 000 000—0 3 0
Montreal 000 005 01x—6 9 2
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Philadelphia 005 101 000—7 9 2
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Christenson, Garber (7) and Boone; Krukow, Renko (3), G. Hernandez (7), Sutter (8) and Swisher. W—Christenson (1-1). L—Krukow (0-1). HR—Bowa (1st).

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Atlanta 011 200 00x—4 5 2
Freisleben, Tomlin (8) and Tenace; Ruthven (3-0) and Pocoroba. L—Freisleben (0-3). HR—Office (1st), Matthews (1st).

New York 000 021 110—5 9 0
St. Louis 020 000 000—2 6 1
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San Francisco 030 012 001—7 11 0
Houston 101 110 000—4 12 3
Barr, Larelle (8) and Sadek; Andujar, Bannister (5), Larson (7), Sambito (9) and Ferguson. W—Barr (2-1). L—Bannister (0-1).



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(Continued from Back Page)

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Art Buchwald

Lust in the Spring

WASHINGTON—I have decided to write a column today that probably no one is interested in. It is on the subject of lust! After what many people have called the worst winter in years, spring has finally come, people have discarded their heavy coats and boots and the voice of lust can be heard throughout the land.



Buchwald

I was walking through Lafayette Park with Bradley just the other day, and I said to him as our eyes darted from one breathless vision to another, "Let me ask you something, Bradley. Do you have lust in your heart at this time of the year?"

Bradley said, "That's a dumb question. Of course I do. What else would you have in your heart in the spring?" "I do, too," I admitted. "I think I have more lust in my heart at this very moment than I had during the months of November, December and January combined.

"Do you think they know we have lust in our hearts?" I asked Bradley.

"Who is they?" he asked.

* * *

"All of them," I said, sweeping my hand out to indicate everyone who was wearing a miniskirt, a tight sweater or a see-through blouse. "The question is, 'Are they provoking our lust on purpose?'"

"I think so," Bradley said. "I believe that when they get up in the morning and select their outfits for the day they say to themselves, 'I hope this will make someone lust after me.'"

"I don't think it's that planned," I said. "I believe it's a subconscious thing, having to do with the mating instinct. They automatically pick out an item that they believe will cause lust in our hearts."

"But if this is true," Bradley said, "why do they call us male chauvinist pigs when we think about lust?"

"They have to call us *something*," I told Bradley. "By calling us pigs it gives them a reason to wear anything they damn well please."

"I don't think that's nice," he said. "They stir up all these repressed feelings and then when we react to them they call us names."

"It's true. Look at that lovely bird walking toward us. She isn't wearing a bra. We know she isn't wearing a bra and she knows she isn't wearing a bra. But if we stare at her she'll think we're dirty old men."

"Or worse," said Bradley, "she'll pretend she thinks we're dirty old men, but in her heart she'll feel very pleased that we would bother to notice."

"They're more devious in the springtime, aren't they?" I said.

"Spring is the most cruel time of all," Bradley said. "There are days when I don't even want to leave the house because I know I'm going to lust all day."

"I'm like that, too." I admitted. "I don't want to get out of bed in the morning because I know it's going to be tough on my heart.

"Do you think women lust after men in their hearts the way we lust after women?" I asked my friend.

"I'm sure of it," he said. "The only difference is we don't provoke them by wearing skimpy clothes. It's a different kind of lust—but it's still lust."

That cheered me up. "Do you think at this very moment while we're walking through the park someone is lusting after us?" I asked him.

"I'm sure of it," he told me. "I'll bet they are lusting right now as much as we are. I think the whole park is full of lust. You can feel it everywhere."

* * *

"The only difference is," I said, "if they came up to us and admitted they lusted in their hearts for us we wouldn't call them pigs."

"That's right," he said. "And you know why?"

"Why?" I wanted to know.

"Because our sex is made up of gentlemen."

Japan Rail Strike Ends

TOKYO, April 20 (AP).—Unions representing 320,000 national railway workers accepted an average 9.12 per cent pay raise today and ended a scheduled 72-hour strike after 21 hours.

West Point Year After Girls Arrived

By James Feron

WEST POINT, N.Y. (NYT).—The U.S. Military Academy has decided to introduce some changes in the recruitment, testing and training of women after an assessment of their first year at the once all-male institution.

Officials have discovered, for example, that women from the Deep South are poor prospects and that college students are more likely to drop out than women who recently graduated from high school.

They have also learned that few, if any, of the female recruits had a realistic idea of the grueling physical and mental stress they would encounter. Copies of newspaper articles describing this are now being sent to applicants.

Some physical tests were eliminated even before the first women arrived, and more will be discarded. Women will also be graded on a different scale. Running, a major element of the first summer of training, will be conducted in categories according to skill, to de-emphasize the women's poor performances.

There will also be subtle changes. West Point administrators indicated, in the general training of plebes, or first-year cadets, to emphasize positive leadership rather than rebuke.

Interviews with officers and cadets, including some who had dropped out, indicate that it has been a troublesome, even frustrating, period, but less difficult than administrators had anticipated. Still unknown, they say, is the ultimate role of women in the Army.

Of the 119 women who accepted appointments last summer in response to a law opening the military academies to women—a move still resented by some here as a "social gesture by Congress"—89 remain. The women's attrition rate is 5 per cent higher than the men's, but their stories are vastly different.



Associated Press.

THE BEGINNING: Women and men take oath of allegiance.

Those who dropped out described a first summer-training program as "beyond imagination."

Laura Butenhoff of Baton Rouge, La., spoke of the "physical training and the things they say to you."

"It's not stuff girls are used to," she added.

Those who stayed are seeking counseling at twice the rate of men, according to Maj. Howard Prince 2d, but they also seem to be adjusting better than the men. "The biggest difference," he said, "is that the women take negative evaluation more personally."

This "negative evaluation" at West Point has consisted for nearly 175 years of training techniques that often move into the realm of hazing, harassment and abuse of plebes by upper-class men, and now includes the additional criticism of the women as a group by the men.

When Katherine Goodland of Ames, Iowa, stepped forward as cadet regimental adjutant and shouted, "Report!" during a recent formation, the corps of cadets burst into laughter.

"I knew they would, and I knew it wasn't me they were laughing at," she said. "It was because a woman was doing it for the first time."

She smiled and added: "I also knew I was wearing the bars and they weren't."

Women plebes have stared down the taunts of men waiting outside their rooms in the morning and the advances by upper-class men who, one said, "don't want women here but will date them."

But changes are taking place. Women at West Point are in 12 of the academy's 36 companies, and in those companies men are considerably less hostile to the idea of women at West Point than they are throughout the corps, according to Maj. Prince. "The others are even more hostile than they were before the women arrived," he said.

The obvious solution, one that will be introduced with next year's class, is to integrate women in all the companies. Other changes will be made, some minor, but several with long-range implications.

Col. Manley Rogers, director of admissions, said the academy would be much less likely, in considering the 1,500 qualified applicants, to accept "prior college applicants." All but a few of the latter had left, he said, possibly because they had more options than high school seniors.

West Point will also have to consider the fact that women from the Deep South were extremely poor risks. Only a few from North and South Carolina, Mississippi, Louisiana, Texas, Tennessee, Kentucky and Georgia did not drop out.

Rose Burch of Mobile, Ala., spoke of her experience in a telephone interview. She said:

"I was really interested in a good education, but didn't understand the discipline. It's so different from regular life. I didn't think it was a place for a girl. Some of the upper-class men were fair, but some really resented women being there and let you know. They could make you do anything they wanted.

"They allow you only four answers: 'Yes, sir,' 'No, Sir,' 'I do not understand, sir,' and 'No excuse, sir,' and not everything fit into those categories. They also say, 'I can't hear you,' over and over until you are screaming. I never understood why."

The former plebe attends South Alabama University and is a bank teller. She said: "My father, who was in the Army for 21 years, said I couldn't come home, but I did and things have never been the same. I understood his disappointment, but not his carrying on for six months."

Miss Burch fits a pattern that has long held true for male cadets who consistently offer education as the major reason for going to West Point but who are often spurred by other factors, such as family, heritage or tradition. Maj. Prince said the women were giving the same reasons for joining and leaving as the men.

PEOPLE: *Princess's Party: Fit for a King*

Saudi Arabian Prince Al-Waleed Talal al-Saoud threw a big party for his wife's 22d birthday Tuesday night in Mountain View, Calif. The price tag for the evening: $20,000. The dinner, at the Jumping Frog Saloon, featured Russian and Persian caviar, lamb, squab, lobster, prime rib of roast beef and a six-tiered birthday cake that could feed 500 although only 150 persons attended the party. "It's truly a dinner fit for a king," said Bobbi Luger, who along with her husband owns the saloon, a hangout of the prince's. One of the princess's gifts was parked outside, a $50,000 Lamborghini sports car. The prince, who attends nearby Menlo College, invited his school friends to the party. The college president and an accounting teacher also attended.

* * *

Rock Hudson's insurance company has agreed to pay $2 million to the passenger who was paralyzed when the actor's car, driven by an employee, crashed in the desert near Palm Springs, Calif. San Jose attorney James Boccardo said that Richard Gerage, 31, of Laguna Beach, suffered a broken neck in the 1975 accident and can never work again. He had been a teacher. The settlement was worked out in San Jose Superior Court Tuesday.

* * *

Former Secretary of State Henry Kissinger will not go unguarded when his government-provided protection runs out at the end of the month. Kissinger has hired three bodyguards. The team will be headed by Walter Bothe, a veteran of 12 years in the Secret Service. The other two are former Columbus, Ohio, police officers William Fairweather and Dennis Matke, who are in Washington now undergoing special training for their new jobs.

* * *

Anthony Villane 2d, who was a dentist before he was elected a Republican member of the New Jersey Assembly, has reverted to form. Villane has set up his chair in a room at the Trenton State House to give voluntary checkups for oral cancer for his fellow legislators and other state employees. One of his first patients was Gov. Brendan Byrne, a Democrat. "I'm a little bit nervous with a Republican dentist," said Byrne as he eased into Villane's chair. After a two-minute checkup the governor was given a clean bill of health.

* * *

The license plates in New Hampshire carry the words "Live Free or Die," the state's motto. But the freedom is, apparently, somewhat less than absolute. When John Rexford, a 55-year-old surveyor from Concord, covered that state motto on his license with green electrical tape, he was arrested and charged with misusing his plates. Rexford had a feeling he should be allowed to do it if he wanted to, and said his mother, Mrs. Clara Rexford, with whom he lives, is a home. Rexford is not the first to challenge the wording on the Claremont couple, George and Maxine Maynard, say they are being forced to carry the motto, which violates their First Amendment rights. They have taken their case to the U.S. Supreme Court, which is expected to rule on it this spring.

* * *

Lindsay Crosby, son of the late Bing Crosby, was arrested in Durango, Colo., for indecent exposure after swimming nude in a motel pool and running naked around the pool area, the La Plata County Sheriff's Department said. Crosby, 39, was booked Saturday night on the misdemeanor charge and released Sunday on $100 bond. Crosby told the sheriff's deputies that he had asked the women in the pool at the motel if they minded if he swam in the nude. They said they didn't mind, but the motel management complained to the sheriff.

* * *

The National Broadcasting Society has notified the National Academy of Television Arts and Sciences that it is cancelling its television broadcast of the presentation of Emmy Awards for nighttime TV because it would be "embarrassing."

An NBC spokesman said it "seems likely that some winners of Emmy Awards will not be present to accept the awards personally that it would be embarrassing, indeed futile, to announce names of the winners with the expectation of their coming to the stage during the show."

—SAMUEL JUST

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